



# FEIN METALWORKING CATALOGUE 2021



**FEIN Canada is the declared solution provider,  
as confirmed by professionals.**



# We're developing the future.

## 150 Years of FEIN. A timeless promise.

For over 150 years, the FEIN brand has stood for application solutions and premium quality. Today this long-established company is a power tool manufacturer with an international reputation as a first class German manufacturer that develops and produces products that provide solutions for the metalworking, interior construction and automotive sectors. FEIN is the specialist for professional and extremely reliable power tools for industry and skilled trades. Each and every FEIN high performance power tool meets the challenge of solving an application with an operator-oriented approach, living up to the FEIN reputation for durability and performance.



## FEIN CANADA

Since 1964, the FEIN Canadian Power Tool Company has followed closely in the footsteps of history and tradition by offering the Canadian market quality products.

With a high level of application expertise and service, FEIN Canada is recognized as a solution provider to the industrial and renovation markets.





# FEIN CANADA PRODUCT EXPERTISE



## FEIN: The core drilling specialists

FEIN offers you a core drilling system for metal in which machine, core bits, and accessories are precisely matched to each other. Robust and durable core drills, with an extensive range of cutters and system accessories, to provide the correct solution for every application.



## FEIN: Proven in metalworking

Grinders, nibblers, shears, hacksaws, drills, screwdrivers, balancers and more. With a constantly growing range of industry-specific solutions for metalworking, our industrial and trade customers achieve the maximum in efficiency and productivity.



## FEIN: The leader in finishing expertise

FEIN polishers are the most powerful on the market and feature electronic speed control for constant speed and torque over the entire setting range. Whether inline finishing, stainless steel satin finishing, or mirror finish preparation; achieve excellent results with the FEIN range of polishing tools and wide selection of polishing accessories.



## FEIN: Belt grinding systems for professionals

GRIT, the modular belt grinder brand from FEIN, is a system based on the building block principle. Offering flexibility in grinding and notching pipe, square and rectangular tubing, bar stock and profiles, and efficient finishing of round stock. Tough, flexible and cost-effective.



## FEIN: High performance abrasives

State-of-the-art quality, high performance products made for serious industrial applications yet competitively priced. Specially developed product line based on expertise gained from numerous years of extensive industry experience.

**FEIN Canada is the declared solution**



### FEIN: Cordless World

The FEIN cordless world is full of robust technology with one goal in mind: to make everyday life as easy, efficient, and safe. Whether its grinding, driving screws, drilling, core drilling, separating, cutting or oscillating, FEIN offers the ideal cordless solution for all applications. FEIN cordless technology delivers the power for top performance.



### FEIN: VersaDrive the complete system of drilling accessories

Metal workers face multiple challenges in drilling, reaming and tapping different sized holes in metal. VersaDrive is a modular, quick-change, system of cutting accessories optimized for cordless, corded and air tools. VersaDrive provides ways to create holes easily, safely, efficiently and economically.



### FEIN: Bevel without compromise

FEIN Canada has partnered with N.KO Machines to provide cost effective solutions for weld preparation that will improve your manufacturing process. High quality efficient and innovative beveling systems that lay the foundation for you to produce precise bevels and high quality welds.



### FEIN: Revolutionizing the renovation industry

Over 50 years of oscillating technology makes FEIN world leaders in oscillation. Application-oriented, versatile and powerful systems for construction and renovation with an extensive selection of accessories. FEIN oscillators, dust extractors and sanding systems are the choice for professionals.



### FEIN: Tried and true specialty products

High-Frequency Systems, Pipemilling Tools, Balancers, and Build-On Motors are some of the numerous specialty products offered by FEIN as solutions for specialized applications.



provider, as confirmed by professionals.



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## CORING / MAGNETIC DRILLING

### Profit from FEIN system expertise.

No other power tool manufacturer offers you as much experience in the core drilling field. Knowledge built up over decades is built into every aspect of FEIN core drilling. FEIN offers you a core drilling system for metal in which machine, annular cutters and accessories, are precisely matched to each other. Premium quality, first class materials and excellent workmanship make FEIN core drills durable in the truest sense of the word. Whether you are drilling steel, stainless steel, Hardox or aluminium, our extensive range of annular cutters and system accessories, can provide the correct solution for every application.

### UNIVERSAL



#### Universal drills with functionality in mind

Outstanding universal performance with quality and technology to boot. The Universal series mag drill series offers the precision tools needed to complete any job with repeatability and consistency. Tapping, reaming, countersinking, with MT2 or MT3 capabilities and double dovetail rails for long stroke range.

### AUTOMATIC



#### Automatic for maximum efficiency and consistency

Turn coring applications into quantifiable operations featuring high throughput, increased cutter life and reduced labour hours. FEIN's patented, load sensing automatic control system provides operators with less fatigue and operations managers with years of reliable, low maintenance performance.

### COMPACT



#### Small profiles for tight-fitting areas

Compact and adaptable, for tight spaces that need precise results. Where other magnetic drills just can't fit, the Compact series is there to get even the tightest job done. Sturdy, robust construction with fixed motor.

### ENDURANCE



#### Productivity at an economical price

Quality, superior durability and essential functionality, these drills are more than capable of handling any drilling task. Solid construction and ease of operation for general drilling applications. Built for endurance and portability on the jobsite.

### MOBILE



#### One system for all hole drilling applications

Core drilling, twist drilling, tapping, hole saw - combine the advantages of four drilling applications into a single system. This innovative hand-held drilling technology provides unmatched cost-effectiveness with the maximum in flexibility and versatility.

## CORING / MAGNETIC DRILLING

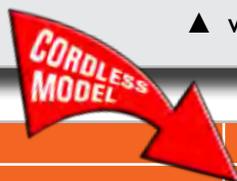


### Meet the challenge of any application

With more precision, speed and ease of use than ever before, Slugger magnetic drills deliver the best results in the shortest time. Since they don't require pre-drilling or retooling, they offer rapid work performance and reduce effort to a minimum. All this - saves time, energy and money.



▲ well suited    ▲▲ very well suited



| Series                                    | UNIVERSAL |        |          |         |         |         | AUTOMATIC   |
|---|-----------|--------|----------|---------|---------|---------|-------------|
| Model                                     | AJMU137   | JMU137 | JCM200QX | JCM200U | JCM256U | JMU404M | JCM200 Auto |
| Core drilling in metal:                   |           |        |          |         |         |         |             |
| up to 1 3/8" (35 mm) dia.                 | ▲▲        | ▲▲     |          |         |         |         |             |
| up to 2" (50 mm) dia.                     |           |        | ▲▲       | ▲▲      | ▲▲      |         | ▲▲          |
| up to 2 7/16" (65 mm) dia.                |           |        |          |         | ▲▲      |         |             |
| up to 4 5/16" (80 mm) dia.                |           |        |          |         |         | ▲▲      |             |
| Use of carbide annular cutters            | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Use of HSS annular cutters                | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Twist drilling with drill chuck (DIN 338) | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      |         | ▲▲          |
| Twist drilling with MT holder (DIN 345)   | ▲▲        | ▲▲     |          | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Tapping                                   | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Countersinking                            | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Reaming                                   | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Fully-automatic drilling                  |           |        |          |         |         |         | ▲▲          |
| Working overhead                          | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      |         | ▲▲          |
| Installation work                         | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |
| Workshop jobs                             | ▲▲        | ▲▲     | ▲▲       | ▲▲      | ▲▲      | ▲▲      | ▲▲          |

| Series                                       | ENDURANCE         |            |             | COMPACT      | MOBILE    |
|--|-------------------|------------|-------------|--------------|-----------|
| Model  | JME Holemaker III | JHM USA101 | JME USA202M | JHM Magforce | KBH 25-2U |
| Core drilling in metal up to 1" (25 mm) dia. |                   |            |             |              | ▲▲        |
| up to 1 3/16" (30 mm) dia.                   |                   | ▲▲         |             |              |           |
| up to 1 3/8" (35 mm) dia.                    | ▲▲                |            |             |              |           |
| up to 1 5/8" (40 mm) dia.                    |                   |            |             | ▲▲           |           |
| up to 2" (50 mm) dia.                        |                   |            | ▲▲          |              |           |
| Twist drilling                               | ▲▲                | ▲▲         | ▲▲          |              |           |
| Tapping                                      |                   |            |             |              | ▲▲        |
| Countersinking                               | ▲▲                | ▲▲         |             | ▲▲           | ▲▲        |
| Use of HSS annular cutters                   | ▲▲                | ▲▲         | ▲▲          | ▲▲           |           |
| Use of carbide annular cutters               | ▲▲                | ▲          | ▲▲          | ▲▲           | ▲▲        |
| Working in tight spaces                      | ▲                 |            |             | ▲▲           | ▲▲        |
| Working overhead                             | ▲                 | ▲▲         | ▲▲          | ▲▲           | ▲▲        |
| Installation work                            | ▲▲                | ▲▲         | ▲▲          | ▲▲           | ▲▲        |
| Workshop jobs                                | ▲▲                | ▲▲         | ▲▲          | ▲▲           | ▲▲        |



## CORING / MAGNETIC DRILLING

### UNIVERSAL MAG DRILLS UP TO 1 3/8"

#### JMU137 – the smallest, most versatile and portable mag drill on the market.

The JMU137 with all the features and benefits of a drill press but fits into small spaces. Extremely flexible and versatile use: core drilling, twist drilling, tapping, countersinking and reaming.

- JMU137 QW** Variable speed
- JMU137-2 QW** Two-speed
- JMU137 MQW** Variable speed / MT 2 tool mount
- JMU137 PQW** Variable speed / Permanent magnet



- Compact design - perfect power-to-weight ratio.
- Reverse + electronic speed settings + memory.
- Extra-large stroke range.
- Extra magnetic switch.
- FEIN high-power motor with tacho electronics.
- Extremely tough construction.
- Tilt sensor.
- One-hand operation.
- Magnet monitoring system.
- Pivoting motor cable (patented).



| Model                      |  | JMU137 QW                 | JMU137-2 QW                | JMU137 MQW                | JMU137 PQW                  |
|----------------------------|--|---------------------------|----------------------------|---------------------------|-----------------------------|
| <b>Order #</b>             |  | <b>72705461120</b>        | <b>72705861120</b>         | <b>72705661120</b>        | <b>72707361090</b>          |
| Carbide cutter max. Ø      | in (mm)  | 1 3/8" (35)               | 1 3/8" (35)                | 1 3/8" (35)               | 1 3/8" (35)                 |
| HSS cutter max. Ø          | in (mm)  | 1 3/8" (35)               | 1 3/8" (35)                | 1 3/8" (35)               | 1 3/8" (35)                 |
| Core drilling depth max. Ø | in (mm)  | 2" (50)                   | 2" (50)                    | 2" (50) / 3" (75)*        | 2" (50)                     |
| Twist drill max. Ø         | in (mm)  | 5/8" (16)                 | 5/8" (16)                  | 1 1/16" (18)              | 5/8" (16)                   |
| Tap size max.              | in   | 9/16"                     | 9/16"                      | 9/16"                     | 9/16"                       |
| Countersinking max. Ø      | in (mm)  | 1 1/4" (31)               | 1 1/4" (31)                | 1 1/4" (31)               | 1 1/4" (31)                 |
| Reaming max. dia.          | in (mm)  | 5/8" (16)                 | 5/8" (16)                  | 1 1/16" (18)              | 5/8" (16)                   |
| Power consumption          | W  | 1,100                     | 1,100                      | 1,100                     | 1,010                       |
| Power output               | W  | 550                       | 550                        | 550                       | 550                         |
| Load speed: 1st gear       | rpm  | 130 - 520                 | 130 - 520                  | 130 - 520                 | 130 - 520                   |
| 2nd gear                   |  | -                         | 400 - 1,600                | -                         | -                           |
| Core bit mount (tool-free) | in   | 3/4" Weldon               | 3/4" Weldon                | 3/4" Weldon               | 3/4" Weldon                 |
| Tool mount                 |  | -                         | -                          | MT 2                      | -                           |
| Stroke                     | in (mm)  | 5 5/16" (135)             | 5 5/16" (135)              | 5 5/16" (135)             | 5 5/16" (135)               |
| Stroke range               | in (mm)  | 10 1/4" (260)             | 10 1/4" (260)              | 10 1/4" (260)             | 10 1/4" (260)               |
| Magnet holding force       | lbs  | 2,248                     | 2,136                      | 2,248                     | 2,023                       |
| Height                     | in   | 13 1/4 x 23 3/4"          | 13 1/2 x 24"               | 13 1/4 x 23 3/4"          | 14 1/2 x 24 1/2"            |
| Magnetic base dimensions   | in (mm)  | 6 7/8 x 3 1/8" (175 x 80) | 7 5/16 x 2 3/4" (186 x 70) | 6 7/8 x 3 1/8" (175 x 80) | 7 11/16 x 2 3/4" (195 x 70) |
| Cable with plug            | ft (m)   | 13 (4)                    | 13 (4)                     | 13 (4)                    | 13 (4)                      |
| Weight (EPTA)              | lbs (kg)   | 23 (10.6)                 | 24 (11)                    | 24 (11)                   | 27.5 (12.5)                 |
| *optional with accessories |  |                           |                            |                           |                             |
| Includes                   | Coolant tank, centering pins, chip guard, safety strap, chip hook, case, drift (JMU137 MQW only), 3-jaw chuck (JMU137-2 QW only) |                           |                            |                           |                             |

# CORING / MAGNETIC DRILLING



## UNIVERSAL CORDLESS MAG DRILL UP TO 1 3/8"

### AJMU137 – total freedom! Cordless, flexible and versatile.

Small and powerful: the cordless universal magnetic core drill meets the highest quality standards. Equipped with all the features of the corded JMU137 MQW.

**BASIC SET**  
Order # 71700261090

**Includes:** 2 batteries (HighPower Li-ion), ALG 80 rapid charger, coolant pump, 2 centering pins, chip guard, safety strap, drift, chip hook, case

**SELECT version**  
Order # 71700262090

**Includes: Tool only with case and accessories**  
(no batteries, charger or accessories)

- Maximum function for any type of work on a construction site.
- Variable speed.
- Brushless FEIN PowerDrive motor with tacho electronics.
- MT 2 tool mount.
- FEIN HighPower Li-ion battery ensures sustained work progress.
- Complete mobility and freedom.

See the Cordless section of this catalog pages 85-86 for FEIN Batteries, FEIN Chargers and FEIN Battery Technology.



| Model                      |          | AJMU137 PMQW                 |
|----------------------------|----------|------------------------------|
| Battery voltage            | V        | 18                           |
| Battery capacity           | Ah       | 5.2                          |
| Battery compatibility      |          | Li-ion / HighPower Li-ion *  |
| Motor                      |          | Brushless                    |
| Carbide cutter max. Ø      | in (mm)  | 1 3/8" (35)                  |
| HSS cutter max. Ø          | in (mm)  | 1 3/8" (35)                  |
| Core drilling depth max. Ø | in (mm)  | 2" (50) / 3" (75) **         |
| Twist drill max. Ø         | in (mm)  | 11/16" (18)                  |
| Tap size max.              | in       | 9/16"                        |
| Countersinking max. Ø      | in (mm)  | 1 3/16 (30)                  |
| Reaming max. dia.          | in       | 11/16" (18)                  |
| Load speed: 1st gear       | rpm      | 130 - 520                    |
| Core bit mount (tool-free) | in       | 3/4" Weldon                  |
| Tool mount                 |          | MT 2                         |
| Stroke                     | in (mm)  | 5 5/16" (135)                |
| Stroke range               | in (mm)  | 10 1/4" (260)                |
| Magnet holding force       | lbs      | 2,023                        |
| Height                     | in (mm)  | 14 1/2 x 24 1/2" (368 x 621) |
| Magnetic base dimensions   | in (mm)  | 7 11/16 x 2 3/4" (195 x 70)  |
| Weight with battery        | lbs (kg) | 28.1 (12.8)                  |

\*outstanding performance with FEIN HighPower Li-ion battery  
\*\*optional with accessories



## CORING / MAGNETIC DRILLING

### UNIVERSAL MAG DRILLS UP TO 2<sup>9</sup>/<sub>16</sub>"

**Powerful universal two-speed reversible mag drills for a complete drilling system with functionality in mind for shop or site work.**

**JCM200 QX 2" two-speed**

Lightweight two-speed reversible mag drill for easy operation and efficient drilling in the shop or on site.

**JCM200 U 2" two-speed, MT 3 tool holder**

Powerful two-speed reversible MT 3 mag drill.

**JCM256 U 2<sup>9</sup>/<sub>16</sub>" two-speed, MT 3 tool holder**

Powerful two-speed reversible magnetic core drill with MT3 tool holder for universal and efficient working in the workshop. Up to 3" depth is possible.

- Robust and precise double dovetail guide with extra large stroke range.
- Fully adjustable stroke, tool free change.
- Integrated gravity-fed cooling lubricant system.
- Reverse + electronic speed settings + memory.
- Fast tool-free cutter changes.
- High magnetic holding force.
- Membrane keypad.
- Magnet monitoring system.
- Work safely in every position.
- Precision drilling results.
- Optional tapping attachment.
- Compact design.



JCM200 QX

| Model                             |   | JCM200 QX  | JCM200 U   | JCM256 U   |
|-----------------------------------|---|--|--|--|
| Order #                           |   | 72704561120  | 72704461120  | 72704761120  |
| HSS cutter max. dia.              | in (mm)   | 1 <sup>9</sup> / <sub>16</sub> " (40)                              | 1 <sup>9</sup> / <sub>16</sub> " (40)                              | 1 <sup>3</sup> / <sub>4</sub> " (45)                             |
| Carbide cutter max. dia.          | in (mm)   | 2" (50)  | 2" (50)  | 2 <sup>9</sup> / <sub>16</sub> " (65)                            |
| Core drill max. drill depth       | in (mm)   | 2" (50)  | 2" (50) *  | 2" (50) *  |
| Twist drill max. dia.             | in (mm)   | 5/8" (16)  | 7/8" (22)  | 1" (25)  |
| Tapping max.                      | in (mm)   | 5/8" (16)  | 5/8" (16)  | 13/16" (20)  |
| Countersinking max. dia.          | in (mm)   | 1 <sup>1</sup> / <sub>4</sub> " (32)                               | 2" (50)  | 2" (50)  |
| Reaming max. dia.                 | in (mm)   | 5/8" (16)  | 7/8" (22)  | 1" (25)  |
| Power consumption                 | Watts   | 1,200  | 1,200  | 1,300  |
| Load speed :                      | 1st gear  | rpm 130 / 260  | 130 to 260   | 120 to 240   |
|                                   | 2nd gear  | rpm 260 / 520  | 260 to 520   | 260 to 520   |
| Core bit holder                   |   | 3/4" Weldon QuickIN  |  |  |
| Tool holder                       |   | -  | MT 3   | MT 3   |
| Stroke                            | in (mm)   | 5 <sup>11</sup> / <sub>16</sub> " (145)                            | 5 <sup>11</sup> / <sub>16</sub> " (145)                            | 5 <sup>11</sup> / <sub>16</sub> " (145)                          |
| Total stroke range                | in (mm)   | 12 <sup>3</sup> / <sub>8</sub> " (314)                             | 12 <sup>3</sup> / <sub>8</sub> " (314)                             | 12 <sup>3</sup> / <sub>8</sub> " (314)                           |
| Magnetic holding force            | lbs   | 2,800  | 2,800  | 3,150  |
| Height                            | in  | 15 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub> "  | 15 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub> "  | 17 x 30 <sup>1</sup> / <sub>4</sub> "                            |
| Magnetic base dimensions          | in  | 7 <sup>11</sup> / <sub>16</sub> x 3 <sup>9</sup> / <sub>16</sub> " | 7 <sup>11</sup> / <sub>16</sub> x 3 <sup>9</sup> / <sub>16</sub> " | 8 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>4</sub> " |
| Cable with plug                   | ft (m)  | 13 (4)   | 13 (4)   | 13 (4)   |
| Weight according to EPTA          | lbs (kg)  | 29.1 (12.8)  | 30.6 (14.2)  | 35.5 (16.1)  |
| * 3" (75mm) with optional adaptor |   |  |  |  |
| Includes                          | Case, safety strap, chip hook, chip guard, coolant tank, centering pins, drift (only JCM200U & JCM256U) |  |  |  |



## CORING / MAGNETIC DRILLING



### UNIVERSAL MAG DRILL UP TO 4"

**JMU404 M for all-in-one hole processing: core drill, twist drill, tap, countersink and ream larger diameters.**

**High-performance, long-stroke, 4-speed universal mag drill with forward/reverse running, MT4 tool mounting and maximum functionality for heavy drilling work.**

- Extremely durable design - shock and impact resistant .
- High torque for heavy-duty drilling work.
- Heavy duty FEIN 1700 W high-power motor and mechanical 4-speed gearbox.
- Extra large stroke range allows for use of very long drill accessories.
- Safety clutch separates the drive side from the output side if the tooling is jammed.
- Clockwise/counter-clockwise rotation, MT4 tool holder and speed reduction allows for versatile use in a wide range of applications.
- Tilt sensor stops tool immediately in the event of slipping or tipping.
- Pivoting motor cable.
- Integrated gravity-fed cooling lubricant system.
- Reverse + electronic speed settings + memory.
- Magnet monitoring system.

**JMU404 M includes:**

Case, safety strap, chip hook, chip guard, drift, coolant tank, centering pins, additional handle, MT4 1 1/4" Weldon straight shank arbor, MT4 1 1/4" Weldon shank arbor, MT4 1 1/4" Weldon to 3/4" Weldon adaptor, MT4 driving-out key, 2 Allen keys 5 and 6 mm



**MT 4**

| Model                       |          | JMU404 M                    |
|-----------------------------|----------|-----------------------------|
| Order #                     |          | 72706061090                 |
| HSS cutter max. dia.        | in (mm)  | 3 1/8" (80)                 |
| Carbide cutter max. dia.    | in (mm)  | 4" (110)                    |
| Core drill max. drill depth | in (mm)  | 4" (100) *                  |
| Twist drill max. dia.       | in (mm)  | 1 1/16" (40)                |
| Tapping max.                | in (mm)  | 1 3/8" (36)                 |
| Countersinking max. dia.    | in (mm)  | 2 3/8" (60)                 |
| Reaming max. dia.           | in (mm)  | 1 3/8" (36)                 |
| Power consumption           | Watts    | 1,700                       |
| Load speed:                 |          | High / Low                  |
| 1st gear                    | rpm      | 120 / 60                    |
| 2nd gear                    | rpm      | 170 / 90                    |
| 3rd gear                    | rpm      | 300 / 150                   |
| 4th gear                    | rpm      | 430 / 230                   |
| Core bit holder             |          | 1 1/4" Weldon               |
| Tool holder                 |          | MT 4                        |
| Stroke / Stroke range       | in (mm)  | 11 (280) / 15 3/4" (400)    |
| Magnetic holding force      | lbs      | 5,171                       |
| Height                      | in (mm)  | 25 x 32" (630 x 810)        |
| Magnetic base dimensions    | in (mm)  | 9 1/16 x 4 3/4" (239 x 120) |
| Cable with plug             | ft (m)   | 13 (4)                      |
| Weight according to EPTA    | lbs (kg) | 86 (39)                     |

\* with optional adaptor



## CORING / MAGNETIC DRILLING

### AUTOMATIC MAG DRILL UP TO 2"

**Fully automatic digitally-controlled feed - get more holes done in a day with less effort.**

**JCM200 AUTO: a fully automatic, 2", two-speed, reversible mag drill with MT3 tool holder, QuickIN Weldon 3/4" mount and membrane keypad.**

- Predicable work times on contract and serial work due to repeatable consistent drilling times.
- Universal operation such as tapping in manual machine mode using forward/reverse and MT 3 interface.
- High power motor with stable speed.
- Electronic speed control.
- Speed setting memory.
- High magnetic holding force.
- Magnet monitoring system.
- Convenient holding force gauge.
- Integrated gravity-fed cooling lubricant system.
- Tilt sensor for safe operation.
- Control pad in the field of view.
- FEIN QuickIN rapid attachment system.
- Adjustable magnetic swivel base.



**MT 3**



- Includes:**
- Carrying case
  - Safety strap
  - Chip hook
  - Chip guard
  - Coolant tank
  - Drift
  - Centering pins

| Model                             | JCM200 Auto |                              |
|-----------------------------------|-------------|------------------------------|
| Order #                           | 72704661120 |                              |
| HSS cutter max. dia.              | in (mm)     | 2" (50)                      |
| Carbide cutter max. dia.          | in (mm)     | 2" (50)                      |
| Core drill max. drilling depth    | in (mm)     | 2" (50) *                    |
| Twist drill max. dia.             | in (mm)     | 7/8" (22) **                 |
| Tapping max.                      | in (mm)     | 5/8" (16)                    |
| Countersinking max. dia.          | in (mm)     | 2" (50)                      |
| Reaming max. dia.                 | in (mm)     | 7/8" (22)                    |
| Power consumption                 | Watts       | 1,200                        |
| Load speed:                       | 1st gear    | rpm 130 to 260               |
|                                   | 2nd gear    | rpm 260 to 520               |
| Core bit holder                   | Weldon 3/4" |                              |
| Tool holder                       | MT 3        |                              |
| Stroke                            | in (mm)     | 5 11/16" (145)               |
| Total stroke range                | in (mm)     | 12 3/8" (314)                |
| Magnetic holding force            | lbs         | 2,800                        |
| Height                            | in          | 15 1/2 x 28 3/4"             |
| Magnetic base dimensions          | in (mm)     | 7 11/16 x 3 9/16" (195 x 90) |
| Cable with plug                   | ft (m)      | 13 (4)                       |
| Weight according to EPTA          | lbs (kg)    | 35.7 (16.2)                  |
| * 3" (75mm) with optional adaptor |             |                              |
| ** Manual tool mode recommended   |             |                              |

# CORING / MAGNETIC DRILLING



## COMPACT MAG DRILL UP TO 1 5/8"

**Delivers increased hole accuracy thanks to its unique internal quill. Large capacity, small footprint.**

**JHM Magforce: ideal core drilling unit for drilling work in small or tight spaces. With its unique quill system, the drill height never changes.**

- Small profile for tight-fitting areas, only 12 inches in height.
- Basic functionality for core drilling applications.
- Speed-optimized for HSS core drill bits.
- Concealed motor wiring and integrated gravity-fed cooling lubrication system in drill jig.
- Positive slug ejection allows the “slug” to be removed easily eliminating costly downtime.
- Sturdy construction for tough applications.
- Thru spindle coolant improves cutter efficiency by providing cutting fluid to the entire cutting surface, not just the outside of the cutting area.



| Model                           |          | JHM Magforce  |
|---------------------------------|----------|---|
| Order #                         |          | 72725361127   |
| Carbide or HSS cutter dia. max. | in (mm)  | 1 5/8" (40)   |
| Cutter DOC max.                 | in (mm)  | 2" (50)   |
| Core bit holder                 |          | Weldon 3/4"   |
| Power                           | W        | 1,100   |
| Load speed                      | rpm      | 280   |
| Height                          | in (mm)  | 12" (305)   |
| Weight (EPTA)                   | lbs (kg) | 28 (13.1)   |
| Magnetic base dimensions        | IN (MM)  | 6.5 x 4" (0165 x 102)   |
| Magnetic holding force          | ft/lbs   | 2,025   |
| Cable with plug                 | ft (m)   | 12.5 (3.8)  |
| <b>Includes</b>                 |          | Case<br>Guard<br>Coolant bottle,<br>Safety strap<br>Chip hook,<br>2 centering pins,<br>5mm hex key,<br>5mm T-grip hex key |



## CORING / MAGNETIC DRILLING

### ENDURANCE MAG DRILLS UP TO 2"

#### Built for endurance on the jobsite.

**JME Holemaker III: Straightforward functionality at an economical price. Small single-speed mag drill for core and twist drilling on site.**

- Easy-to-use industrial mag drill.
- Lightweight, carbon fibre motor housing that reduces overall weight and improves durability.
- Ability to safely work on even thinner materials.

**JHM USA101: Durable all-aluminium casting makes it a workhorse for construction site drilling.**

- Positive slug ejection due to special bore spindle guides.
- Uniform-torque motor for demanding core drilling.
- Solid sturdy construction in die-cast aluminum for work under difficult conditions.
- Integrated coolant tank.
- Optional 1/2" chuck and adaptor enables the use of twist drills.

**JME USA202 M: Lightweight and powerful two-speed mag drill with MT 3 tool mount for core drilling and twist drilling in the workshop or onsite.**

- For tough use, thanks to top-quality workmanship and pivoting motor cable protection sleeve.
- Mechanical 2-speed gearbox.
- Optimum power-to-weight.
- Integrated coolant tank.



\* with optional adaptor



JME Holemaker III



JHM USA101



JME USA202 M

| Model                    |          | JME Holemaker III  | JHM USA101   | JME USA202 M   |
|--------------------------|----------|--|--|--|
| Order #                  |          | 72705961090  | 72725261124  | 72706961090  |
| Cutter dia. max.         | in (mm)  | 1 3/8" (35)  | 1 1/2" (38)  | 2" (50)  |
| Cutter DOC max.          | in (mm)  | 2" (50)  | 2" (50)  | 2" / 3" (50 / 75)*   |
| Twist drill cap.         | in (mm)  | 5/8" (16)  | 1/2" (12)  | 7/8" (23)  |
| Core bit holder          |          | Weldon 3/4"  | Weldon 3/4"  | Weldon 3/4"  |
| Tool mount               |          | -  | -  | MT 3   |
| Power                    | W        | 1,100  | 1,050  | 1,280  |
| Load speed               | rpm      | 450  | 330  | 260 / 520  |
| Stroke / Stroke range    | in       | 5 11/16" / 10 1/4"   | 2 9/16"  | 5 5/16" / 10 1/4"  |
| Weight (EPTA)            | lbs (kg) | 25.8 (11.7)  | 31.7 (14.4)  | 30.9 (14)  |
| Magnetic holding force   | ft/lbs   | 2,810  | 2,023  | 2,810  |
| Height                   | in       | 13 x 23"   | 15 x 17 3/4"   | 13 x 23"   |
| Magnetic base dimensions | in       | 7 11/16 x 3 9/16"  | 6 x 4"   | 7 11/16 x 3 9/16"  |
| Cable with plug          | ft (m)   | 8.9 (2.7)  | 12.5 (3.8)   | 9.8 (3)  |
| <b>Includes:</b>         |          | Case, safety strap, coolant tank, centering pins, chip guard, 5mm T-grip hex key, 2 keys (5mm & 6mm) | Case, coolant tank, safety strap, chip hook, chip guard, centering pins, 5mm hex key, 5mm T-grip hex key, support handle | Case, chip guard, coolant tank, safety strap, chip hook, drift, centering pins, 2 hex keys 5 & 6mm, T-grip hex key 5mm |

# CORING / MAGNETIC DRILLING



## MOBILE CORE DRILL UP TO 1<sup>3</sup>/<sub>16</sub>"

### One system for all hole drilling applications.

The KBH 25-2U hand-held core drill combines the advantages of four drilling applications into a single system. Its innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

- 2-speed metal core drilling system for core and twist bit use.
- Ideal for universal use due to manually switched second gear for core drilling in metal, hole sawing in sheet metal, twist drilling, tapping and countersinking.
- Safety slip clutch.
- Powerful for high cutting speed.
- Forward/reverse rotation and speed adjustment.
- Optimal functionality due to low feed pressure.
- Tool-free accessory changes.



**Tapping**



**Twist Drilling**

| ACCESSORIES FOR KBH 25         | Order #     |
|--------------------------------|-------------|
| Chip guard                     | 32174013010 |
| Extension QIP 4" (100mm)       | 63106017010 |
| Pilot bit                      | 63114038010 |
| Pilot bit 5-PACK               | 63114038020 |
| 3-jaw rigid tapping chuck 3/8" | 63206018010 |
| Adaptor QIP for B16            | 63901047000 |
| Keyless jaw chuck              | 63901054010 |
| Keyed jaw chuck 1/2"           | 63202030015 |

| Model   | KBH 25-2U   |                                       |
|---|-------------|---------------------------------------|
| Order #   | 72710361090 |                                       |
| Hole Ø steel / stainless carbide core bit   | in (mm)     | 1" (25)                               |
| Hole Ø light metal & aluminium carbide core bit   | in (mm)     | 1 <sup>3</sup> / <sub>16</sub> " (30) |
| Carbide core bit max. drilling depth  | in (mm)     | 13/16" (20)                           |
| Hole Ø steel / stainless steel carbide hole saw   | in (mm)     | 3/8" (80)                             |
| Carbide hole saw max. drilling depth  | in (mm)     | 3/16" (4)                             |
| Hole Ø steel / stainless steel twist bit  | in (mm)     | 5/8" (16)                             |
| Tap size max.   | in          | 1/2"                                  |
| Countersinking max. Ø   | in (mm)     | 1 1/4" (31)                           |
| Power consumption   | Watts       | 1,200                                 |
| Output  | Watts       | 680                                   |
| Load speed:   |             |                                       |
| Pilot hole drilling   | rpm         | 0-1,600                               |
| 1st speed (core drilling)   |             | 0-520                                 |
| 2nd speed (twist drilling)  |             | 0-1,600                               |
| Corner clearance  | in (mm)     | 1 1/16" (27)                          |
| Collar Ø  | in (mm)     | 1 11/16" (43)                         |
| Cable with plug   | ft (m)      | 13 (4)                                |
| Weight EPTA   | lbs (kg)    | 7 1/4" (3.3)                          |
| <b>Includes:</b> pilot bit, side handle, rapid action chuck, tapping chuck, carrying case |             |                                       |





# MAG DRILL ACCESSORIES

## KBH ACCESSORIES

### CARBIDE CORE BITS TiAlN coated with QuickIN-PLUS attachment

Maximum service life. Outstanding performance in all common metals, 20% faster work progress, reduced cutting and feed force due to TiAlN coating. Inch dimensions, drilling depth 3/4 in.



| Size    | Order #     |
|---------|-------------|
| 9/16"   | 63130300010 |
| 5/8"    | 63130301010 |
| 11/16"  | 63130302010 |
| 3/4"    | 63130303010 |
| 13/16"  | 63130304010 |
| 7/8"    | 63130305010 |
| 15/16"  | 63130306010 |
| 1"      | 63130307010 |
| 1 1/16" | 63130308010 |
| 1 1/8"  | 63130309010 |
| 1 3/16" | 63130310010 |

### CARBIDE HOLE SAW Depth 5/32" (4 mm) with QuickIN-PLUS attachment

Carbide-tipped with optimal service life for cost-effective drilling work in sheet metal up to 5/32 in. (4 mm) thickness.



| Size     | Order #     |
|----------|-------------|
| 9/16"    | 63131200010 |
| 5/8"     | 63131201010 |
| 11/16"   | 63131202010 |
| 3/4"     | 63131203010 |
| 13/16"   | 63131204010 |
| 7/8"     | 63131205010 |
| 15/16"   | 63131206010 |
| 1"       | 63131207010 |
| 1 1/16"  | 63131208010 |
| 1 1/8"   | 63131209010 |
| 1 3/16"  | 63131210010 |
| 1 1/4"   | 63131211010 |
| 1 5/16"  | 63131212010 |
| 1 3/8"   | 63131213010 |
| 1 7/16"  | 63131214010 |
| 1 1/2"   | 63131215010 |
| 1 9/16"  | 63131216010 |
| 1 5/8"   | 63131217010 |
| 1 11/16" | 63131218010 |
| 1 3/4"   | 63131219010 |
| 1 13/16" | 63131220010 |
| 1 7/8"   | 63131221010 |
| 1 15/16" | 63131222010 |

### CARBIDE HOLE SAW FOR PIPES Depth 5/32" (4 mm) with QuickIN-PLUS attachment

Carbide teeth with optimal service life when used on pipe materials and arched surfaces with up to 5/32 in. (4 mm) wall thickness.



| Size     | Order #     |
|----------|-------------|
| 7/8"     | 63131605010 |
| 15/16"   | 63131606010 |
| 1 "      | 63131607010 |
| 1 1/16"  | 63131608010 |
| 1 1/8"   | 63131609010 |
| 1 3/16"  | 63131610010 |
| 1 1/4"   | 63131611010 |
| 1 5/16"  | 63131612010 |
| 1 3/8"   | 63131613010 |
| 1 7/16"  | 63131614010 |
| 1 1/2"   | 63131615010 |
| 1 9/16"  | 63131616010 |
| 1 5/8"   | 63131617010 |
| 1 11/16" | 63131618010 |
| 1 3/4"   | 63131619010 |
| 1 13/16" | 63131620010 |
| 1 7/8"   | 63131621010 |
| 1 15/16" | 63131622010 |
| 2"       | 63131623010 |
| 2 1/16"  | 63131624010 |
| 2 1/8"   | 63131625010 |
| 2 3/16"  | 63131626010 |
| 2 1/4"   | 63131627010 |
| 2 3/8"   | 63131628010 |
| 2 1/2"   | 63131629010 |
| 2 9/16"  | 63131630010 |
| 2 11/16" | 63131631010 |

Metric sizes are also available

## MAG DRILL ACCESSORIES



### GENERAL ACCESSORIES

#### CUTTING FLUID & PASTE

##### Slugger Cutting Fluid

Concentrated water-based fluid designed to extend tool life, improve surface finish and reduce heat build-up when drilling.

##### Slugger Cutting Paste

Lubricates cutters when drilling in horizontal and inverted positions. The heat generated while drilling liquifies the cutting paste, providing cooling and extending cutter life.



| Description  | Description                       | Order #     |
|--|-----------------------------------|-------------|
| Cutting Fluid<br><br><b>Mix Ratio:<br/>1 part cutting fluid<br/>to 5 parts water</b> | Cutting fluid - Quart             | 32132032980 |
|  | Cutting fluid - Case of 12 quarts | 32132032982 |
|  | Cutting fluid - Gallon            | 64298102080 |
|  | Cutting fluid - 5 gallons         | 64298102090 |
| Cutting Paste  | Cutting paste 10 oz. tube         | 32160015980 |

#### MAGBRUSHES

Magnetic brushes safely remove metal chips and debris from machinery and work areas.

| Type           | Description      | Order #     |
|----------------|------------------|-------------|
| Magbrush       | Length 15 inches | 64201002980 |
| Super Magbrush | Length 3 feet    | 64201003980 |

- Slugger MagBrushes feature a high grade, rare earth magnet with the most holding power for its size.
- They outperform similar magnetic pick-up tools.
- Quick and easy removal of metal chips and debris for a clean work area.





## MAG DRILL ACCESSORIES

### ACCESSORIES

#### TWIST DRILLS

No drill chuck required. No adaptors required. No loss of capacity.

| TWIST DRILLS           | Order #     | Description   |
|------------------------|-------------|---|
| <b>Twist Drills</b>    | 63111029010 | 1/4" dia. 1 3/8" depth of cut   |
| Weldon 3/4" shank      | 63111030010 | 3/8" dia. 1 3/8" depth of cut   |
| 1 3/8" depth of cut    | 63111031010 | 5/16" dia. 1 3/8" depth of cut  |
|                        | 63111032010 | 7/16" dia. 1 3/8" depth of cut  |
|                        | 63111033010 | 9/16" dia. 1 3/8" depth of cut  |
| <b>Twist Drill Set</b> | 63111029020 | 6 twist drills - 1 each of dia. 1/4", 3/8", 7/16", 9/16", plus 2 of 5/16", plastic case   |
| <b>Twist Drills</b>    | 64298050020 | 1/4" dia. 2" depth of cut   |
| Weldon 3/4" shank      | 64298050030 | 3/8" dia. 2" depth of cut   |
| 2" depth of cut        | 64298050040 | 5/16" dia. 2" depth of cut  |
|                        | 64298050050 | 7/16" dia. 2" depth of cut  |
| <b>Twist Drill Set</b> | 64298050000 | 4 twist drills - 1 each of dia. 1/4", 5/16", 3/8", 7/16"                                  |
| <b>Twist Drills</b>    | 64298055000 | <b>Twist Drill Set:</b> 4 twist drills: 6mm, 8mm, 10mm, 12mm. 3/4" shank, 2" depth of cut |
| Metric                 |             |   |



| ACCESSORIES                 | Order #     | Description  |
|-----------------------------|-------------|--|
| <b>Chuck &amp; Adaptors</b> | 64298190100 | 1/2" chuck & adaptor for JHM USA101 for twist drills |
|                             | 63202037010 | Adaptor for JME Holemaker III chuck (# 3202037010)   |
|                             | 63202037010 | Chuck for JME Holemaker III                          |
| <b>Tapping Adaptors</b>     | 63206150010 | 1/4" NPT - body dia. 11mm x square 9mm               |
|                             | 63206151010 | 3/8" NPT - body dia. 12mm x square 9mm               |
|                             | 63206152010 | 1/4" UNC/UNF - body dia. 6.48mm x square 4.85mm      |
|                             | 63206153010 | 3/8" UNC/UNF - body dia. 9.68mm x square 7.26mm      |
|                             | 63206154010 | Adaptor for taps - 1/4" hex                          |
| <b>Cutter Extensions</b>    | 63106020980 | 2" arbor extension                                   |
| 1 5/16" arbor body diameter | 63106021980 | 3" arbor extension                                   |
|                             | 63106022980 | 4" arbor extension                                   |
|                             | 63106023980 | 6" arbor extension                                   |
| <b>Chain Base</b>           | 90798190200 | For mag bases - 5 x 9" footprint                     |
|                             | 90798541480 | For mag bases - 6 x 11" footprint                    |
| <b>Countersinks</b>         | 64298100820 | Countersink 1"                                       |
| All 82°                     | 64298150820 | Countersink 1 1/2"                                   |
|                             | 64298200820 | Countersink 2"                                       |
| <b>MultiSink</b>            | 69908038538 | TCT MultiSink  |
| <b>Coolant accessories</b>  | 32132022007 | Hand pump coolant bottle (for drilling overhead)     |
|                             | 30240247002 | Holder for coolant bottle                            |
|                             | 31414054008 | Hose for coolant bottle                              |



## MAG DRILL ACCESSORIES



### ACCESSORIES



| FOR TOOLS WITH WELDON 3/4" QuickIN                          | For      | Order #     |
|---|----------|-------------|
| Arbor MT 2 to Weldon 3/4" for 2" depth cutters              |          | 63901063020 |
| Arbot MT 2 to Weldon 3/4" cutter mount for 3" depth cutters |          | 63901064020 |
| Drill chuck adaptor Weldon 3/4" to B16 drive                |          | 63901061000 |
| Jaw chuck 5/8" capacity B16 mount                           |          | 63202037010 |
| S3 key for 5/8" jaw chuck                                   |          | 62914004007 |
| 3-jaw chuck 1/2" B16  |          | 63202030015 |
| Quick action chuck B16                                      |          | 63204032006 |
| Quick-change tapping chuck 5/16 - 5/8 BILZ type 2           |          | 92602089010 |
| Adaptor Weldon 3/4" to Universal shank                      |          | 69908037138 |
| Adaptor Weldon 3/4" to output FEIN QuickIN                  |          | 63901027010 |
| MT 3 to MT 2 reducing sleeve                                |          | 63302003004 |
| MT 4 to MT 3 reducing sleeve                                |          | 69908037348 |
| Adaptor 1 1/4" straight shank Weldon to Weldon 3/4"         | JMU404 M | 63901078010 |
| Adaptor 1 1/4" Weldon to Weldon 3/4" output                 |          | 63901075010 |
| MT4 arbor to 1 1/4" Weldon offset 90 degrees                |          | 63901072020 |
| Centering pin with extension                                |          | 30217362010 |

| GENERAL MAG DRILL ACCESSORIES  | For  | Order #     |
|--|--|-------------|
| Arbor MT 3 to 3/4" Weldon tool holder for 1" / 2" depth cutters *  | MT 3 tools<br>* requires pin<br>#63134998330 | 63901050020 |
| Arbor MT 3 to 3/4" Weldon tool holder for 3" depth cutters *   |  | 63901051020 |
| Arbor MT 3 to QuickIN tool holder for 3" cutting depth *   |  | 63901049020 |
| Arbor MT 3 - B16 for tools with Morse taper socket   |  | 63301012005 |
| Arbor MT 3 - B22 for tools with Morse taper socket   |  | 63301014007 |
| QuickIN adaptor 1/2"-20 UNF for threaded chucks for competitors' chucks  |  | 63901022008 |
| MT 3 Quick-change arbor for universal cutters (with coolant)   |  | 69908030355 |
| Pipe drilling attachment device: For holes in pipe dia. 60 to 300mm, 220 x 130mm - Base size 5 1/8 x 8 11/16" or smaller |  | 92602055010 |
| Suction plate for non-magnetic materials - Base size 4 x 10" or smaller  |  | 92602054016 |

| For                                     | Order #       | Description   |                                  |  |
|---|---------------|---|----------------------------------|--|
| <b>TAPPING ACCESSORIES for JMU404 M</b> | 92602082010   | Tapping chuck QuickIN Max/Weldon 1 1/4" shank BILZ type 3 |                                  |  |
|   |               | <b>Description</b>  | <b>Order # - Tapping Collets</b> | <b>Order # - Tapping Collets with Clutch</b> |
|   | M22 / M24 # 3 | 63206119010   | 63206122010                      |  |
|   | M27 # 3       | 63206120010   | 63206123010                      |  |
|   | M30 # 3       | 63206121010   | 63206124010                      |  |
|   | M33 # 3       | 63206157010   | 63206155010                      |  |
|   | M36 # 3       | 63206158010   | 63206156010                      |  |

**VERSADRIVE**®

PATENT PENDING

**MAG DRILL ACCESSORIES**

**VERSADRIVE MAG DRILL ACCESSORIES**

**VersaDrive Adaptors for 3/4" Weldon Shank Magnetic Drills**

- Expand your range of applications.
- Fits into any standard 3/4" (19.05mm) magnetic drill arbor.
- Rapid-lock Weldon adaptor for quick changeover, no tools required.



More information on the full range of VersaDrive drilling accessories can be found in the VersaDrive Catalogue.

| Order #   | Ref.        | Description   |
|---|-------------|---|
| 69908038506   | 111030-0001 | Magnetic Drill Adaptor for 3/4" Weldon shank            |
| Includes: 3X stainless steel M8 doghead grub screws |             |   |
| 69908038612   | 111035-01   | Rapid-Lock Magnetic Drill Adaptor for 3/4" Weldon shank |

*Use with the VersaDrive Range*



**VersaDrive Drill Bits**



**VersaDrive Taps**



**VersaDrive Holesaws**



**VersaDrive Drill Taps**



**VersaDrive Reamers**

With the VersaDrive system of drilling accessories and you can now drill, tap and ream in metal with the ultimate in precision and versatility.

VersaDrive is the only range of drilling and cutting accessories optimized for cordless power tools as well as workshop equipment, because you never know what challenges you are going to face next.

# MAG DRILL ACCESSORIES



## OLD STYLE FEIN QUICKIN ACCESSORIES

### ACCESSORIES FOR FEIN MAG DRILLS WITH OLD-STYLE QUICKIN MOUNT

Models: KBM32Q, KBM50Q manufactured prior to 2014, KBM52U, KBM80U, KBM80, JCM312



| ACCESSORIES  |                              |             |
|--|------------------------------|-------------|
| Description  | For                          | Order #     |
| Coolant reservoir gravity-fed  | KBM32Q, KBM52U<br>Old KBM50Q | 63901036010 |
| Chip protection guard  |                              | 63901037010 |
| QuickIN to 3/4" Weldon adaptor for annular cutters incl. FEIN FC and Slugger       |                              | 63901021014 |
| QuickIN to 3/4" Weldon ringed adaptor for annular cutters - tight fit              |                              | 63901024019 |
| Allen key 4mm for QuickIN / Weldon adaptors  |                              | 62907010000 |
| Jaw chuck 1/2" capacity M18 threaded mount   | KBM32Q<br>KBM80              | 63203050014 |
| QuickIN to M18 threaded adaptor for 1/2" chuck                                     |                              | 63901020006 |
| Key for 1/2" jaw chuck   |                              | 62914002005 |
| Jaw chuck 5/8" capacity B16 mount  | KBM52U<br>Old KBM50Q         | 63202037010 |
| Jaw chuck adaptor: input FEIN QuickIN to output B16                                |                              | 63901023002 |
| S3 key for 5/8" chuck  |                              | 62914004007 |
| Quick-change tapping chuck 5/16 - 5/8 BILZ type 2                                  |                              | 92602079010 |
| Cutter Extension: 4" with QuickIN adaptor for holes 1 1/4" or bigger, includes pin |                              | 63106016010 |
| QuickIN Max tapping chuck 3/4 to 1 1/8" BILZ type 3                                | KBM80<br>JCM312              | 92602082010 |
| Centering pin  |                              | 63134998330 |
| MT3 1 1/4" Weldon tool holder 90° flats (Magtron)                                  |                              | 63901041010 |
| MT3 1 1/4" Weldon tool holder in-line flats (Hougen)                               |                              | 63901042010 |
| MT3 1 1/4" Weldon tool holder in-line flats (Jancy)                                |                              | 63901040010 |
| QuickIN Max Adaptor to QuickIN drive   |                              | 63901045010 |
| MT3 QuickIN Drive: retrofit QuickIN & HSS cutters to KBM80                         |                              | 63901039020 |
| MT3 QuickIN Max Drive: retrofit QuickIN Max cutters to KBM80                       |                              | 63901038020 |
| MT3 Extension - to MT#3 for countersinking   |                              | 63304005000 |
| Reducing Collet 3/2 - insert accepts #2 Bilz type collets                          |                              | 63206125010 |
| Lubrication pump   | 92601024010                  |             |

### FEIN HM QUICKIN & QUICKIN MAX CARBIDE-TIPPED CUTTERS

For models: KBM32Q, KBM50Q manufactured prior to 2014, KBM52U, KBM80, JCM312

Contact us for information.

HM QUICKIN



HM QUICKIN MAX





# ANNULAR CUTTERS

## SLUGGER CUTTERS

### Slugger by FEIN - a diverse line of cutters to drill nearly any hole in metal.

Slugger annular cutters produce a reamed quality hole and they cut several times faster than a comparable twist drill and allow large diameter through holes to be produced with smaller machines. Since no pre-drilling or finish reaming is needed; speed, hole quality, longer tool life and shorter cycle times are all benefits. Slugger HSS cutters are made from M2, high-speed tool steel. They can also be treated with Titanium Nitride coatings for increased performance in harder to drill material.

When compared to conventional twist drills and hole saws, Slugger provides superior results. Hard to machine materials are cut faster with tighter tolerances and substantially longer tool life. They efficiently cut a thin ring of material from the circumference of the hole leaving a center slug and less material residue for clean-up. Precisely centered in the hole via a centering pin allows for internal coolant feed to the cutter and ejection of the slug after hole completion. Slugger cutters, while typically used for mild steel applications, are highly suitable for ferrous, non-ferrous, hardened and stainless materials.

### HSS WELDON CUTTERS

High Speed Steel (M2) is the standard material used in these HSS cutters. 3/4" Weldon shank. Long service life.

### CARBIDE WELDON CUTTERS

Carbide-tipped to cut materials that are hard to machine and for drilling at higher RPM rates for increased hole making production.

### TRUCK FRAME CUTTERS - ID Sharpened for Stack Drilling

Truck frames are usually multi-layered and manufactured to retain extraordinary strength and durability. Frame materials are more difficult to drill so an effective way to combat this problem is to use an ID-style cutter that is also TiN coated. The resulting cutter simultaneously permits continuous drilling through layers, enhances cutting performance and extends tool life.

### HSS TAP SIZE CUTTERS

For tapping your holes after you drill, available in various tap size configurations.

### INDUSTRIAL ARBORS

Industrial arbors quickly and easily adapt Slugger cutters to most types of conventional drill presses and CNC machinery.



### SHEET METAL CUTTERS

Can be found in the Drilling Accessories section pages 103-105.

Thin metal cutters for sheet metal, light tubing, rubber, fiber materials and select plastics. Designed for use with hand held drilling equipment. In HSS and carbide.

## ANNULAR CUTTERS



## SLUGGER CUTTERS

### Specialty Cutters & Cutter Coatings

Additional options for Slugger Cutters to increase efficiency when cutting specific materials. Contact us for more information.

#### Titanium Nitride TiN HSS Weldon Cutters

Improve tool life by increasing surface hardness of the tool and providing greater lubricity. TiN coated cutters are ideal for applications where the material being cut is difficult to machine, or when extended tool life is desired.

#### M42 Cobalt Steel

Cobalt cutters are effective when drilling material with inconsistent composition. They are also valuable when increased feed rates are necessary and extending tool life between sharpenings is desirable.

#### Carbide Universal Shank Cutters

Smooth cutting tooth geometry reduces vibration and loading. The tungsten carbide tips provide a long tool life in the toughest of materials. TCT cutters are harder and able to resist higher temperatures resulting in less wear.

#### Titanium Carbonitride (TiCN)

TiCN coated cutters are practical in drilling highly abrasive or gummy materials such as brass and aluminum alloys.

#### Pipe-Style Geometry

For Pipe and Tube Drilling Applications

Cutters with pipe-style geometry are advantageous when drilling holes on curved or uneven surfaces.

#### Rail Cutters

Specifically for rail drilling. Unique design and specially developed coating allows for faster drilling and longer life, even in the toughest rail.

#### ShortSluggers

Capable of drilling materials up to 3/4" thick.

### Carbide cutters vs HSS cutters.



- Tip material is extra-durable carbide ceramic
- Cutting tips brazed on steel body
- Very high tip hardness of 1.450 HV
- Maximum cutting width 4 mm
- Small number of cutting tips
- High cutting surface speeds up to 45 m/min
- Sensitive to impact and shock
- Dry hole cutting possible
- Carbide tip heat resistant up to 1,200° C.
- Brazing heat resistant up to 800° C



- Full cutter is made of high-quality HSS steel
- Cutting tips ground into steel body
- High tip hardness of 65 HRC (830 HV)
- Maximum cutting width 5.1 mm
- High number of cuttings tips
- Cutting surface speeds up to 25 m/min
- Tough against impact and shock
- Dry hole cutting not suitable / cooling necessary
- Heat resistant up to 600° C

**TIP:** Once you get to about 1<sup>5</sup>/<sub>16</sub>" cutter diameter or larger, carbide cutters typically prove to be the better value.



# ANNULAR CUTTERS

## RECOMMENDED SPEED

| Recommended RPM for Diameter | Carbide Annular Cutters |                 | HSS Annular Cutters |                 |
|------------------------------|-------------------------|-----------------|---------------------|-----------------|
|                              | Mild Steel              | Stainless Steel | Mild Steel          | Stainless Steel |
| 1/2"                         | 1250                    | 880             | 840                 | 300             |
| 9/16"                        | 1115                    | 780             | 750                 | 270             |
| 5/8"                         | 1000                    | 700             | 670                 | 245             |
| 11/16"                       | 910                     | 640             | 610                 | 220             |
| 3/4"                         | 835                     | 590             | 560                 | 205             |
| 13/16"                       | 770                     | 540             | 520                 | 190             |
| 7/8"                         | 715                     | 500             | 480                 | 175             |
| 15/16"                       | 670                     | 470             | 450                 | 160             |
| 1"                           | 625                     | 440             | 420                 | 150             |
| 1 1/16"                      | 590                     | 415             | 400                 | 145             |
| 1 1/8"                       | 560                     | 390             | 375                 | 135             |
| 1 3/16"                      | 530                     | 370             | 350                 | 130             |
| 1 1/4"                       | 500                     | 350             | 340                 | 120             |
| 1 5/16"                      | 475                     | 335             | 320                 | 120             |
| 1 3/8"                       | 450                     | 320             | 305                 | 110             |
| 1 7/16"                      | 435                     | 305             | 295                 | 105             |
| 1 1/2"                       | 420                     | 290             | 280                 | 100             |
| 1 9/16"                      | 400                     | 280             | 270                 | 95              |
| 1 5/8"                       | 385                     | 270             | 260                 | 90              |
| 1 11/16"                     | 370                     | 260             | 250                 | 90              |
| 1 3/4"                       | 360                     | 250             | 240                 | 85              |
| 1 13/16"                     | 350                     | 240             | 230                 | 85              |
| 1 7/8"                       | 335                     | 230             | 225                 | 80              |
| 1 15/16"                     | 320                     | 225             | 215                 | 75              |
| 2"                           | 310                     | 220             | 210                 | 70              |
| 2 1/16"                      | 300                     | 210             | 200                 |                 |
| 2 1/8"                       | 295                     | 205             | 195                 |                 |
| 2 3/16"                      | 285                     | 200             | 190                 |                 |
| 2 1/4"                       | 280                     | 195             | 185                 |                 |
| 2 5/16"                      | 270                     | 190             | 180                 |                 |
| 2 3/8"                       | 265                     | 185             | 175                 |                 |
| 2 7/16"                      | 260                     | 180             | 170                 |                 |
| 2 1/2"                       | 250                     | 175             | 165                 |                 |
| 3/4"                         | 225                     | 160             | 150                 |                 |
| 3"                           | 210                     | 145             | 140                 |                 |
| 3 1/4"                       | 195                     | 135             | 130                 |                 |
| 3 1/2"                       | 180                     | 125             | 120                 |                 |
| 3 3/4"                       | 170                     | 120             | 110                 |                 |
| 4"                           | 160                     | 110             | 105                 |                 |

**FORMULA**  
 SFPM x 12  
 SIZE x 3.1416

**CARBIDE CUTTERS:**

**Mild Steel**  
 164 x 12  
 SIZE x 3.1416

**Stainless Steel**  
 115 x 12  
 SIZE x 3.1416

**HSS CUTTERS:**

**Mild Steel**  
 110 x 12  
 SIZE x 3.1416

**Stainless Steel**  
 40 x 12  
 SIZE x 3.1416

# ANNULAR CUTTERS



## PILOT PINS / SLUGGER HSS CUTTERS - IMPERIAL WELDON 3/4"

### Slugger Pilot Pins

The Slugger Pilot Pins listed below fit annular cutters with a 3/4" Weldon shank and can also be used on competitive machines. Manufactured from high quality steel, the pilot pin is designed to:

- Allow coolant flow to center of cutter during drilling cycle.
- Eject the slug from center of cutter after the drilling cycle is complete.
- Align the cutter to the desired drilling position.
- Provide an easy view of the center of the hole being created.



### STANDARD PILOT PINS

| Order #     | Pilot Pin Description   |
|-------------|---|
| 63134998305 | 1" depth of cut, 1/2" diameter and smaller (incl. 13 & 14mm)        |
| 63134998315 | 2" depth of cut, 1/2" diameter and smaller (incl. 13 & 14mm)        |
| 63134998300 | 1" depth of cut, 9/16" diameter and larger                          |
| 63134998310 | 2" depth of cut, 9/16" diameter and larger                          |
| 63134998330 | All standard 3" depth of cut, 3/4" diameter and larger              |
| 63134998340 | 4" depth of cut - also use for 3" depth HSS and FEIN Weldon adaptor |
| 63134998360 | 6" depth of cut   |

### HSS Cutters with Pins

High speed steel cutters, Weldon 3/4" shank. Long service life.



| Cutter Diameter | Dec. Equiv. | 1" DEPTH Order # | 2" DEPTH Order # |
|-----------------|-------------|------------------|------------------|
| 7/16"           | 0.4375      | 63134111041      | 63134111042      |
| 1/2"            | 0.5000      | 63134127041      | 63134127042      |
| 9/16"           | 0.5625      | 63134143041      | 63134143042      |
| 5/8"            | 0.6250      | 63134158041      | 63134158042      |
| 11/16"          | 0.6875      | 63134175041      | 63134175042      |
| 3/4"            | 0.7500      | 63134191041      | 63134191042      |
| 13/16"          | 0.8125      | 63134206041      | 63134206042      |
| 7/8"            | 0.8750      | 63134222041      | 63134222042      |
| 15/16"          | 0.9375      | 63134238041      | 63134238042      |
| 1"              | 1.0000      | 63134254041      | 63134254042      |
| 1 1/16"         | 1.0620      | 63134269041      | 63134269042      |
| 1 1/8"          | 1.1250      | 63134286041      | 63134286042      |
| 1 3/16"         | 1.1870      | 63134302041      | 63134302042      |
| 1 1/4"          | 1.2500      | 63134318041      | 63134318042      |
| 1 5/16"         | 1.3120      | 63134333041      | 63134333042      |

| Cutter Diameter | Dec. Equiv. | 1" DEPTH Order # | 2" DEPTH Order # |
|-----------------|-------------|------------------|------------------|
| 1 3/8"          | 1.3750      | 63134349041      | 63134349042      |
| 1 7/16"         | 1.4370      | 63134365041      | 63134365042      |
| 1 1/2"          | 1.5000      | 63134381041      | 63134381042      |
| 1 9/16"         | 1.5620      | 63134397041      | 63134397042      |
| 1 5/8"          | 1.6250      | 63134413041      | 63134413042      |
| 1 11/16"        | 1.6870      | 63134429041      | 63134429042      |
| 1 3/4"          | 1.7500      | 63134445041      | 63134445042      |
| 1 13/16"        | 1.8120      | 63134460041      | 63134460042      |
| 1 7/8"          | 1.8750      | 63134476041      | 63134476042      |
| 1 15/16"        | 1.9370      | 63134492041      | 63134492042      |
| 2"              | 2.000       | 63134508041      | 63134508042      |
| 2 1/16"         | 2.062       | 63134524041      | 63134524042      |

**3" and 4" depth HSS cutters**    **Pages 28/29**  
**Metric HSS cutters**            **Page 29**  
**Cutter Sets**                        **Page 30**



## ANNULAR CUTTERS

### SLUGGER HSS CUTTERS - IMPERIAL WELDON 3/4"

Cutters on this page are not supplied with pins

| Cutter Diameter | Dec. Equiv. | 1" DEPTH Order # | 2" DEPTH Order # | 3" DEPTH Order # | 4" DEPTH Order # |
|-----------------|-------------|------------------|------------------|------------------|------------------|
| 3/4"            | 0.7500      | See page 27      | See page 27      | 63134190003      | -                |
| 13/16"          | 0.8125      | See page 27      | See page 27      | 63134206003      | 63134206004      |
| 7/8"            | 0.8750      | See page 27      | See page 27      | 63134222003      | 63134222004      |
| 15/16"          | 0.9375      | See page 27      | See page 27      | 63134238003      | 63134237004      |
| 1"              | 1.0000      | See page 27      | See page 27      | 63134254003      | 63134254004      |
| 1 1/16"         | 1.0620      | See page 27      | See page 27      | 63134269003      | 63134269004      |
| 1 1/8"          | 1.1250      | See page 27      | See page 27      | 63134285003      | 63134285004      |
| 1 3/16"         | 1.1870      | See page 27      | See page 27      | 63134301003      | 63134301004      |
| 1 1/4"          | 1.2500      | See page 27      | See page 27      | 63134317003      | 63134317004      |
| 1 5/16"         | 1.3120      | See page 27      | See page 27      | 63134333003      | 63134333004      |
| 1 3/8"          | 1.3750      | See page 27      | See page 27      | 63134349003      | 63134349004      |
| 1 7/16"         | 1.4370      | See page 27      | See page 27      | 63134364003      | 63134364004      |
| 1 1/2"          | 1.5000      | See page 27      | See page 27      | 63134381003      | 63134381004      |
| 1 9/16"         | 1.5620      | See page 27      | See page 27      | 63134396003      | 63134396004      |
| 1 5/8"          | 1.6250      | See page 27      | See page 27      | 63134412003      | 63134412004      |
| 1 11/16"        | 1.6870      | See page 27      | See page 27      | 63134428003      | 63134428004      |
| 1 3/4"          | 1.7500      | See page 27      | See page 27      | 63134444003      | 63134444004      |
| 1 13/16"        | 1.8120      | See page 27      | See page 27      | 63134461003      | 63134461004      |
| 1 7/8"          | 1.8750      | See page 27      | See page 27      | 63134476003      | 63134476004      |
| 1 15/16"        | 1.9370      | See page 27      | See page 27      | 63134491003      | 63134492004      |
| 2"              | 2.000       | See page 27      | See page 27      | 63134508003      | 63134508004      |
| 2 1/16"         | 2.062       | See page 27      | See page 27      | 63134523003      | 63134523004      |
| 2 1/8"          | 2.125       | 63134539001      | 63134539002      | 63134539003      | 63134539004      |
| 2 3/16"         | 2.187       | 63134555001      | 63134555002      | 63134555003      | 63134555004      |
| 2 1/4"          | 2.250       | 63134571001      | 63134571002      | 63134571003      | 63134571004      |
| 2 5/16"         | 2.312       | 63134587001      | 63134587002      | 63134587003      | 63134587004      |
| 2 3/8"          | 2.375       | 63134603001      | 63134603002      | 63134603003      | 63134603004      |
| 2 7/16"         | 2.437       | 63134618001      | 63134618002      | 63134618003      | 63134618004      |
| 2 1/2"          | 2.500       | 63134635001      | 63134635002      | 63134635003      | 63134635004      |
| 2 9/16"         | 2.562       | 63134650001      | 63134651002      | 63134650003      | 63134651004      |
| 2 5/8"          | 2.625       | 63134666001      | 63134666002      | 63134666003      | 63134666004      |
| 2 11/16"        | 2.687       | 63134682001      | 63134682002      | 63134682003      | 63134683004      |
| 2 3/4"          | 2.750       | 63134698001      | 63134698002      | 63134698003      | 63134698004      |
| 2 13/16"        | 2.812       | 63134714001      | 63134714002      | 63134714003      | 63134714004      |
| 2 7/8"          | 2.875       | 63134731001      | 63134731002      | 63134731003      | 63134731004      |
| 2 15/16"        | 2.937       | 63134745001      | 63134745002      | 63134745003      | 63134746004      |
| 3"              | 3.000       | 63134762001      | 63134762002      | 63134762003      | 63134762004      |

HSS High speed steel cutters with Weldon 3/4" shank.

Long service life

Imperial dimensions

**Pilot Pins  
Page 27**

**Cutter Sets  
Page 30**



**6" DEPTH AVAILABLE  
ON REQUEST**

**1 1/4" SHANK  
CUTTERS AVAILABLE  
ON REQUEST**

**NOTE:** HSS Annular Cutters when used with old FEIN QuickIN drills\* require:

**For 1" depth** 63901021014 Weldon adaptor + 63134998300 Centering pin

**For 2" depth** 63901021014 Weldon adaptor + 63134998330 Extra-long pin

**\* Models: KBM32 Q, KBM50 QX, KBM50 Q old version, KBM52 U**

## ANNULAR CUTTERS



### SLUGGER HSS CUTTERS - METRIC WELDON 3/4"

Cutters on this page are not supplied with pins

HSS High speed steel cutters with Weldon 3/4" shank.

Long service life

Metric dimensions.

**Pilot Pins**  
Page 27

**Cutter Sets**  
Page 30



**6" DEPTH AVAILABLE ON REQUEST**

**1 1/4" SHANK CUTTERS AVAILABLE ON REQUEST**

| Cutter Diameter | Dec. Equiv. | 1" DEPTH Order # | 2" DEPTH Order # | 3" DEPTH Order # | 4" DEPTH Order # |
|-----------------|-------------|------------------|------------------|------------------|------------------|
| 13mm            | 0.5118      | 63134129001      | 63134129002      | -                | -                |
| 14mm            | 0.5512      | 63134140001      | 63134139002      | -                | -                |
| 15mm            | 0.5906      | 63134150001      | 63134149002      | -                | -                |
| 16mm            | 0.6299      | 63134159001      | 63134159002      | -                | -                |
| 17mm            | 0.6693      | 63134170001      | 63134169002      | -                | -                |
| 18mm            | 0.7087      | 63134180001      | 63134179002      | -                | -                |
| 19mm            | 0.7480      | 63134189001      | 63134189002      | -                | -                |
| 20mm            | 0.7874      | 63134199001      | 63134199002      | 63134199003      | -                |
| 21mm            | 0.8268      | 63134210001      | 63134209002      | 63134210003      | -                |
| 22mm            | 0.8661      | 63134219001      | 63134219002      | 63134219003      | 63134219004      |
| 23mm            | 0.9055      | 63134229001      | 63134229002      | 63134229003      | 63134229004      |
| 24mm            | 0.9449      | 63134240001      | 63134239002      | 63134240003      | 63134240004      |
| 25mm            | 0.9843      | 63134250001      | 63134249002      | 63134250003      | 63134249004      |
| 26mm            | 1.0230      | 63134259001      | 63134259002      | 63134259003      | 63134259004      |
| 27mm            | 1.0630      | 63134270001      | 63134270002      | 63134270003      | 63134270004      |
| 28mm            | 1.1020      | 63134279001      | 63134279002      | 63134279003      | 63134279004      |
| 29mm            | 1.1410      | 63134289001      | 63134289002      | 63134289003      | -                |
| 30mm            | 1.1810      | 63134299001      | 63134299002      | 63134299003      | 63134299004      |
| 31mm            | 1.2200      | 63134309001      | 63134310002      | 63134309003      | 63134309004      |
| 32mm            | 1.2590      | 63134319001      | 63134319002      | 63134319003      | 63134319004      |
| 33mm            | 1.2990      | 63134329001      | 63134329002      | 63134329003      | 63134329004      |
| 34mm            | 1.3380      | 63134339001      | 63134339002      | 63134339003      | 63134339004      |
| 35mm            | 1.3770      | 63134350001      | 63134350002      | 63134350003      | 63134350004      |
| 36mm            | 1.4170      | 63134359001      | 63134359002      | 63134359003      | 63134359004      |
| 37mm            | 1.4560      | 63134369001      | 63134369002      | -                | -                |
| 38mm            | 1.4960      | 63134379001      | 63134379002      | 63134379003      | 63134379004      |
| 39mm            | 1.5350      | 63134389001      | 63134389002      | 63134389003      | -                |
| 40mm            | 1.5740      | 63134399001      | 63134399002      | 63134399003      | 63134399004      |
| 41mm            | 1.6140      | 63134409001      | 63134409002      | 63134409003      | -                |
| 42mm            | 1.6540      | 63134420001      | 63134420002      | 63134420003      | 63134420004      |
| 43mm            | 1.6920      | 63134429001      | 63134429002      | 63134429003      | -                |
| 44mm            | 1.7320      | 63134439001      | 63134439002      | 63134439003      | 63134439004      |
| 45mm            | 1.7710      | 63134449001      | 63134449002      | 63134449003      | 63134449004      |
| 46mm            | 1.8110      | 63134459001      | 63134459002      | 63134459003      | 63134459004      |
| 47mm            | 1.8500      | 63134469001      | 63134469002      | -                | -                |
| 48mm            | 1.8890      | 63134479001      | 63134479002      | 63134479003      | 63134479004      |
| 49mm            | 1.9290      | 63134489001      | 63134489002      | -                | -                |
| 50mm            | 1.968       | 63134499001      | 63134499002      | 63134499003      | 63134499004      |
| 51mm            | 2.007       | 63134509001      | 63134509002      | 63134510003      | 63134509004      |
| 52mm            | 2.047       | 63134519001      | 63134519002      | 63134519003      | 63134519004      |



# ANNULAR CUTTERS

## SLUGGER HSS CUTTER SETS

**Standard HSS Annular Cutter Sets**  
**Handy and economical**  
**Weldon 3/4"**



### HSS CUTTER SETS

6 of our most popular HSS annular cutters with 2 pilot pins  
 Packaged in a display-friendly carrying case  
 Weldon 3/4" shank

**6-Pack**  
 Value Set



| Order #     | For      | Contents  |
|-------------|----------|---|
| 63134999091 | 1" depth | 6 cutters: 9/16", 5/8", 11/16", 3/4", 13/16", 1 1/16"<br>2 pilot pins, case |
| 63134999092 | 2" depth | 6 cutters: 9/16", 5/8", 11/16", 3/4", 13/16", 1 1/16"<br>2 pilot pins, case |

### HSS CUTTER SETS

Selection of HSS annular cutters with pilot pins  
 Practical and convenient storage case  
 Weldon 3/4" shank



# 63134999010

| Order #     | For      | Contents   |
|-------------|----------|--|
| 63134999010 | 1" depth | 5 cutters: 9/16", 11/16", 13/16", 15/16", 1 1/16"<br>Pilot pin 9/16" to 1 1/16"<br>Carrying case   |
| 63134999020 | 1" depth | 11 cutters: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",<br>13/16", 7/8", 15/16", 1", 1 1/16"<br>Pilot pin 7/16" to 1/2"<br>Pilot pin 9/16" to 1 1/16"<br>Carrying case |
| 63134999015 | 2" depth | 5 cutters: 9/16", 11/16", 13/16", 15/16", 1 1/16"<br>Pilot pin 9/16" to 1 1/16"<br>Carrying case   |
| 63134999026 | 2" depth | 11 cutters: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",<br>13/16", 7/8", 15/16", 1", 1 1/16"<br>Pilot pin 7/16" to 1/2"<br>Pilot pin 9/16" to 1 1/16"<br>Carrying case |



# 63134999020

# ANNULAR CUTTERS



## CARBIDE WELDON CUTTERS - WELDON 3/4"

### Carbide Weldon Annular Cutters

Carbide-tipped cutters are the perfect for drilling hard, abrasive and difficult materials. They are designed to run at higher RPMs, making Slugger Universal mag drills the ideal tools to use them on. The best solution for increased performance, longevity and a low cost per hole ratio. Weldon 3/4" shank.

- Suitable for most materials and applications offering improved performance over HSS cutters.
- Smooth cutting tooth geometry reduces vibration and loading.
- Much longer service life especially in tough materials like stainless steel.
- Carbide inserts specially designed to be very durable providing a burr-free hole.
- Special flute geometry for better chip clearance.
- Produce accurate holes without pilot drilling.
- Multiple cutting edge geometry increases productivity.
- Adapt quickly to most drill presses or magnetic based drills.

**INCLUDES  
PILOT PIN**



### CARBIDE CUTTER SETS

6 cutters 1/2", 9/16", 5/8", 3/4", 7/8", 1" with 1 pin and case

| 1" DEPTH    |          | 2" DEPTH    |          |
|-------------|----------|-------------|----------|
| Order #     | Ref.     | Order #     | Ref.     |
| 69908032827 | FC791TCT | 69908032828 | FC792TCT |

| Dia.     | 1" DEPTH    |          | 2" DEPTH    |          |
|----------|-------------|----------|-------------|----------|
|          | Order #     | Ref.     | Order #     | Ref.     |
| 1/2"     | 69908036703 | FC111TCT | 69908036729 | FC211TCT |
| 9/16"    | 69908036705 | FC113TCT | 69908036730 | FC213TCT |
| 5/8"     | 69908036706 | FC116TCT | 69908036731 | FC216TCT |
| 11/16"   | 69908036707 | FC119TCT | 69908036732 | FC219TCT |
| 3/4"     | 69908036708 | FC121TCT | 69908036733 | FC221TCT |
| 13/16"   | 69908036709 | FC124TCT | 69908036734 | FC224TCT |
| 7/8"     | 69908036710 | FC127TCT | 69908036735 | FC227TCT |
| 15/16"   | 69908036701 | FC130TCT | 69908036702 | FC230TCT |
| 1"       | 69908036711 | FC133TCT | 69908036736 | FC233TCT |
| 1 1/16"  | 69908036712 | FC136TCT | 69908036737 | FC236TCT |
| 1 1/8"   | 69908036713 | FC139TCT | 69908036738 | FC239TCT |
| 1 3/16"  | 69908036714 | FC142TCT | 69908036739 | FC242TCT |
| 1 1/4"   | 69908036715 | FC145TCT | 69908036740 | FC245TCT |
| 1 5/16"  | 69908036716 | FC148TCT | 69908036741 | FC248TCT |
| 1 3/8"   | 69908036717 | FC151TCT | 69908036742 | FC251TCT |
| 1 7/16"  | 69908036718 | FC154TCT | 69908036743 | FC254TCT |
| 1 1/2"   | 69908036719 | FC157TCT | 69908036744 | FC257TCT |
| 1 9/16"  | 69908036720 | FC160TCT | 69908036745 | FC260TCT |
| 1 5/8"   | 69908036721 | FC163TCT | 69908036746 | FC263TCT |
| 1 11/16" | 69908036722 | FC166TCT | 69908036747 | FC266TCT |
| 1 3/4"   | 69908036723 | FC169TCT | 69908036748 | FC269TCT |
| 1 13/16" | 69908036724 | FC172TCT | 69908036749 | FC272TCT |

| Dia.     | 1" DEPTH    |          | 2" DEPTH    |           |
|----------|-------------|----------|-------------|-----------|
|          | Order #     | Ref.     | Order #     | Ref.      |
| 1 1/8"   | 69908036725 | FC175TCT | 69908036750 | FC275TCT  |
| 1 15/16" | 69908036726 | FC178TCT | 69908036751 | FC278TCT  |
| 2"       | 69908036727 | FC181TCT | 69908036752 | FC281TCT  |
| 2 1/16"  | 69908036728 | FC183TCT | 69908032826 | FC283TCT  |
| 2 1/8"   | -           | -        | 69908037302 | FC284TCT  |
| 2 3/16"  | -           | -        | 69908037303 | FC285TCT  |
| 2 1/4"   | -           | -        | 69908037304 | FC286TCT  |
| 2 5/16"  | -           | -        | 69908037305 | FC287TCT  |
| 2 3/8"   | -           | -        | 69908037306 | FC288TCT  |
| 2 7/16"  | -           | -        | 69908037307 | FC289TCT  |
| 2 1/2"   | -           | -        | 69908037308 | FC290TCT  |
| 2 9/16"  | -           | -        | 69908037309 | FC291TCT  |
| 2 5/8"   | -           | -        | 69908037310 | FC292TCT  |
| 2 11/16" | -           | -        | 69908037312 | FC293TCT  |
| 2 3/4"   | -           | -        | 69908037313 | FC294TCT  |
| 2 13/16" | -           | -        | 69908037314 | FC295TCT  |
| 2 7/8"   | -           | -        | 69908037315 | FC296TCT  |
| 2 15/16" | -           | -        | 69908037316 | FC297TCT  |
| 3"       | -           | -        | 69908037317 | FC298TCT  |
| 3 1/16"  | -           | -        | 69908037318 | FC299TCT  |
| 3 1/8"   | -           | -        | 69908037319 | FC2010TCT |

**For larger diameters, contact the FEIN order desk.**



# ANNULAR CUTTERS

## TRUCK FRAME CUTTERS

**Reduce drilling time when cutting through stacked layers of metal in one step.**

### FEIN Truck Frame ID Cut Carbide Cutters

Truck frames are usually multi-layered and manufactured to retain extraordinary strength and durability. Frame materials are more difficult to drill so an effective way to combat this problem is to use an ID-style cutter.

Typical annular cutters have a geometry designed to cut through a single layer of metal producing a fast, clean hole with a single slug of material.

Applications that require the drilling of two stacked pieces of metal, require the use of Stack-Cut cutters for continuous drilling through layers of material.

- Cut difficult to drill or harder materials.
- Extend cutter life.
- Increase productivity.

Weldon 3/4" shank



| Dia.    | Dec. Equiv. | Ref.         | 1" DEPTH - Order # |
|---------|-------------|--------------|--------------------|
| 9/16"   | .5625       | FC113 ID-TCT | 69908037333        |
| 5/8"    | .6250       | FC116 ID-TCT | 69908037334        |
| 11/16"  | .6875       | FC119 ID-TCT | 69908037335        |
| 3/4"    | .7500       | FC121 ID-TCT | 69908037336        |
| 13/16"  | .8125       | FC124 ID-TCT | 69908037337        |
| 7/8"    | .8750       | FC127 ID-TCT | 69908037338        |
| 15/16"  | .9375       | FC130 ID-TCT | 69908037339        |
| 1"      | 1.000       | FC133 ID-TCT | 69908037340        |
| 1 1/16" | 1.062       | FC136 ID-TCT | 69908037341        |
| 1 1/8"  | 1.187       | FC139 ID-TCT | 69908037342        |
| 1 3/16" | 1.125       | FC142 ID-TCT | 69908037343        |
| 1 1/4"  | 1.250       | FC145 ID-TCT | 69908037344        |
| 1 5/16" | 1.312       | FC148 ID-TCT | 69908037345        |
| 1 3/8"  | 1.500       | FC151 ID-TCT | 69908037346        |

### PILOT PINS FOR CARBIDE TRUCK FRAME CUTTERS

| For                                     | Order #     |
|---|-------------|
| For diameter 9/16" to 11/16" - 1" depth | 69908037331 |
| For diameter 3/4" to 1 3/8" - 1" depth  | 69908037332 |



Truck frame cutters have a different geometry that allows for drilling in harder material. No lip is left on the slug, which enables you to drill through both layers of the double frame in one simple step.



# ANNULAR CUTTERS



## HSS TAP SIZE CUTTERS

### HSS Tap Size Cutters

If you are tapping your holes after you drill, Slugger cutters are available in various tap size configurations.



**Weldon 3/4" Shank**



For pins, see page 27.

| Tap Size | Pitch | Form | Dia.     | Dec. Equiv. | 1" DEPTH Order # | 2" DEPTH Order # |
|----------|-------|------|----------|-------------|------------------|------------------|
| 1/2"     | 13    | NC   | 27/64"   | .4219       | 63134107001      | 63134106002      |
| 1/2"     | 20    | NF   | 29/64"   | .4531       | 63134115001      | 63134115002      |
| 9/16"    | 12    | NC   | 31/64"   | .4843       | 63134123001      | 63134122002      |
| 9/16"    | 18    | NF   | 1/2"     | .5000       | 63134127001      | 63134127002      |
| 5/8"     | 11    | NC   | 17/32"   | .5312       | 63134134001      | 63134134002      |
| 5/8"     | 18    | NF   | 9/16"    | .5625       | 63134142001      | 63134142002      |
| 11/16"   | 11    | NS   | 19/32"   | .5938       | 63134151001      | 63134150002      |
| 11/16"   | 16    | NS   | 5/8"     | .6250       | 63134158001      | 63134158002      |
| 3/4"     | 10    | NC   | 21/32"   | .6562       | 63134166001      | 63134166002      |
| 3/4"     | 16    | NF   | 11/16"   | .6875       | 63134174001      | 63134174002      |
| 7/8"     | 9     | NC   | 49/64"   | .7656       | 63134194001      | 63134194002      |
| 7/8"     | 14    | NF   | 51/64"   | .7969       | -                | 63134202002      |
| 1"       | 8     | NC   | 7/8"     | .8750       | 63134222001      | 63134222002      |
| 1"       | 12    | NF   | 59/64"   | .9219       | 63134234001      | 63134233002      |
| 1"       | 14    | NS   | 59/64"   | .9219       | 63134234001      | 63134233002      |
| 1 1/8"   | 7     | NC   | 25mm     | .9843       | 63134250001      | 63134249002      |
| 1 1/8"   | 12    | NF   | 1-1/32"  | 1.032       | 63134261001      | 63134261002      |
| 1 1/4"   | 7     | NC   | 1-7/64"  | 1.109       | -                | 63134279002      |
| 1 1/4"   | 12    | NF   | 1-11/64" | 1.171       | -                | 63134297002      |
| 1 1/2"   | 6     | NC   | 1-11/32" | 1.343       | -                | 63134341002      |
| 1 1/2"   | 12    | NF   | 1-27/64" | 1.421       | -                | 63134361002      |
| 1 3/4"   | 5     | NC   | 1-9/16"  | 1.562       | 63134396001      | 63134396002      |
| 2"       | 4 1/2 | NC   | 1-25/32" | 1.781       | -                | 63134452002      |



**Note:**

If you are tapping many holes, look to FEIN Tappers, designed specifically to tap holes.

Available in a cordless model on page 87 and a corded model on page 78.



# ANNULAR CUTTERS

## SLUGGER INDUSTRIAL ARBORS

### Industrial Arbors for Slugger cutters with 3/4" or 1 1/4" shank drives

Industrial arbors quickly and easily adapt Slugger cutters to most types of conventional drill presses and CNC machinery. Slugger arbors and cutters increase the versatility and capacities of many machines. Industrial arbors have spring loaded slug ejection systems and are offered with optional coolant inducers to provide proper coolant to the interior of Slugger cutters. Arbors are available with R-8, 1"SS and #2 MT to #5 MT shank configurations.



#### FOR SLUGGER CUTTERS WITH 3/4" SHANK DRIVE

| Order #     | Shank | Arbor bore | Outside diameter | Overall Length | Shank length | Coolant collar * |
|-------------|-------|------------|------------------|----------------|--------------|------------------|
| 33498294180 | #2MT  | 3/4"       | 1 3/8"           | 8 5/8"         | 3 1/4"       |                  |
| 33498294380 | #2MT  | 3/4"       | 2" *             | 8 5/8"         | 3 1/4"       | Yes              |
| 33498294200 | #3MT  | 3/4"       | 1 3/8"           | 6 9/16"        | 3 7/8"       |                  |
| 33498294400 | #3MT  | 3/4"       | 2" *             | 6 9/16"        | 3 7/8"       | Yes              |
| 33498294240 | #4MT  | 3/4"       | 2"               | 7 7/8"         | 4 7/8"       |                  |
| 33498294440 | #4MT  | 3/4"       | 2 3/8" *         | 7 7/8"         | 4 7/8"       | Yes              |
| 33498294280 | #5MT  | 3/4"       | 2"               | 8 5/8"         | 6 1/8"       |                  |
| 33498294480 | #5MT  | 3/4"       | 2 3/8" *         | 8 5/8"         | 6 1/8"       | Yes              |
| 33498294320 | R8    | 3/4"       | 1 3/8"           | 7 3/4"         | 4 1/8"       |                  |
| 33498294520 | R8    | 3/4"       | 2" *             | 7 3/4"         | 4 1/8"       | Yes              |
| 33498294140 | 1"SS  | 3/4"       | 1 3/8"           | 5 13/16"       | 3 1/4"       |                  |
| 33498294340 | 1"SS  | 3/4"       | 2" *             | 5 13/16"       | 3 1/4"       | Yes              |

#### FOR SLUGGER CUTTERS WITH 1 1/4" SHANK DRIVE

| Order #     | Shank | Arbor bore | Outside diameter | Overall length | Overall shank | Coolant collar * |
|-------------|-------|------------|------------------|----------------|---------------|------------------|
| 33498294220 | #3MT  | 1 1/4"     | 2 1/4"           | 7 7/8"         | 3 7/8"        |                  |
| 33498294420 | #3MT  | 1 1/4"     | 2 3/8" *         | 7 7/8"         | 3 7/8"        | Yes              |
| 33498294260 | #4MT  | 1 1/4"     | 2 1/4"           | 7 3/4"         | 4 7/8"        |                  |
| 33498294460 | #4MT  | 1 1/4"     | 2 3/8" *         | 7 3/4"         | 4 7/8"        | Yes              |
| 33498294300 | #5MT  | 1 1/4"     | 2 1/4"           | 10 1/8"        | 6 1/8"        |                  |
| 33498294500 | #5MT  | 1 1/4"     | 2 3/8"           | 10 1/8"        | 6 1/8"        | Yes              |
| 33498294160 | R8    | 1 1/4"     | 2 1/4"           | 7 1/8"         | 4 1/8"        |                  |
| 33498294540 | R8    | 1 1/4"     | 2 3/8" *         | 7 1/8"         | 4 1/8"        | Yes              |
| 33498294360 | 1"SS  | 1 1/4"     | 2 3/8" *         | 8 15/16"       | 3 1/4"        | Yes              |

| For Slugger carbide-tipped cutters<br>2 1/2" diameter or larger | Order #     | Description                            |
|---|-------------|--|
|   | 33498294800 | 2" depth with coolant inducer 3MT      |
|   | 33498294860 | 2" depth with thru-spindle coolant 3MT |
|   | 33498294820 | 3" depth with coolant inducer 3MT      |
|   | 33498294880 | 3" depth with thru-spindle coolant 3MT |
|   | 33498294840 | 4" depth with coolant inducer 3MT      |
|   | 33498294900 | 4" depth with thru-spindle coolant 3MT |

\* Coolant collar increases outside diameter

Arbor breakdowns are available on request

# SURFACE FINISHING



## SURFACE FINISHING WITH FEIN

### **In surface finishing, only one thing counts - flawless results in every respect.**

Whether grinding or polishing with the extensive range of FEIN power tools and specially-selected accessories, we offer the best products to satisfy the highest demands of surface finishing. In stainless steel applications, you can count on FEIN's powerful and durable tools with outstanding ergonomics for fatigue-free, energy-saving work and our application-oriented accessories – for perfect results.

As demand for stainless steel increases, so does the realm of applications. Each processing procedure calls for specific knowledge, techniques and experience.

Surface processing of flat materials, tubes and profiles, corners and edges in stainless steel requires the highest standards of precision and surface quality.

FEIN Canada's years of experience and in-depth industry knowledge enables us to provide the expertise and solutions to the demands and challenges of your daily applications.

More surface finishing products can be found in the GRIT Stationary Belt Grinding and the FEIN Abrasives sections of this catalogue.





**GRINDING**

**ANGLE GRINDERS - RAT-TAIL**

**FEIN corded rat-tail: made in Germany, built for Canada!**

Rat-tail design developed for the Canadian market with user-oriented features for comfort, ease-of-use and low fatigue.

- High power industrial quality 1,100 W motors.
- Low vibration rating.
- Safe, secure hold and control.
- Durable and robust.
- Great weight distribution.
- Fast cutting speed, and high material removal.

High power durable and technically advanced 1,500 W motors.

- POWERtronic (P) for constant speed and torque.
- Variable speed INOX models, ideal for stainless work.



**Recommended for onsite work where welding machines are the power source.**

**ERGOGRIP RAT-TAIL GRINDERS - 1,100 W \***

R - Rat-tail design      T - Deadman switch

| Order #     | Model         | Size | Switch   | Watts | RPM    |
|-------------|---------------|------|----------|-------|--------|
| 72218660090 | WSG 11-125 R  | 5"   | Lockable | 1,100 | 11,000 |
| 72218760090 | WSG 11-125 RT | 5"   | Deadman  | 1,100 | 11,000 |
| 72218860090 | WSG 11-150 R  | 6"   | Lockable | 1,100 | 8,500  |
| 72218960090 | WSG 11-150 RT | 6"   | Deadman  | 1,100 | 8,500  |

**ERGOGRIP RAT-TAIL POWER GRINDERS - 1,500 W \*\***

P - POWERtronic      R - Rat-tail design      T - Deadman switch

| Order #     | Model          | Size | Switch   | Watts | RPM    |
|-------------|----------------|------|----------|-------|--------|
| 72221860090 | WSG 17-125 PR  | 5"   | Lockable | 1,500 | 11,000 |
| 72221960090 | WSG 17-125 PRT | 5"   | Deadman  | 1,500 | 11,000 |
| 72222060090 | WSG 17-150 PR  | 6"   | Lockable | 1,500 | 8,500  |
| 72222160090 | WSG 17-150 PRT | 6"   | Deadman  | 1,500 | 8,500  |

**VARIABLE SPEED "INOX"**

|             |                   |    |          |       |                |
|-------------|-------------------|----|----------|-------|----------------|
| 72222260090 | WSG 17-70 INOX R  | 5" | Lockable | 1,500 | 2,500 to 8,500 |
| 72222360090 | WSG 17-70 INOX RT | 5" | Deadman  | 1,500 | 8,500          |



\* ErgoGrip WSG 11 rat-tail grinders come with guard, pair of flanges, wrench and standard handle.

\*\* ErgoGrip WSG 17 rat-tail grinders come with guard, pair of flanges, wrench and anti-vibration handle.

For FEIN high performance grinding wheels, cut-off wheels, and other abrasives; see the FEIN Abrasives section of this catalogue page 120.



## ANGLE GRINDERS - RAT-TAIL

### FEIN large 7" and 9" rat-tail grinders for heavy-duty performance.

- High-power 2,000 W motors with enormous torque for high grinding capacity.
- Gentle start for recoil-free and safe starting.
- Safety interlock switch.
- Spindle lock for rapid disc changes.
- Rear handle can be rotated by 270° through 4 positions.
- Unique protective air flow design increasing tool life.
- Very low head height.



#### LARGE RAT-TAIL ANGLE GRINDERS: Trigger-Style

| Order #     | Model      | Size | Power (W) | RPM   |
|-------------|------------|------|-----------|-------|
| 72210709637 | WSG 20-180 | 7"   | 2,000     | 8,500 |
| 72210809633 | WSG 20-230 | 9"   | 2,000     | 6,600 |

Comes with: guard, handle, pair of flanges, wrench set

### Cordless FEIN angle grinders - powerful, durable, and mobile.

Powerful and compact with dust resistant fully-encapsulated motors, new FEIN cordless angle grinders are effective in all sorts of cutting, grinding and deburring work.

- 4½" and 5" models available with deadman paddle-switch or sliding lock-on switch.
- Fully enclosed dust-protected motors.
- FEIN HighPower Li-ion batteries.

For cordless angle grinder line, see page 88.





**GRINDING**

**ANGLE GRINDERS - BARREL BODY**

**Get FEIN industrial quality in the compact yet powerful WSG 7-115.**

- Combines affordability and reliability into one, at a very competitive price.
- Weighs only 3.7 lbs.
- Dust protection on all electronic components.
- Spindle lock.



**4½” COMPACT ANGLE GRINDER**

| Order #            | Model            | Size | Watts | RPM    |
|--------------------|------------------|------|-------|--------|
| <b>72219760390</b> | <b>WSG 7-115</b> | 4½”  | 760   | 12,000 |

Comes with: handle, pair of flanges, wheel guard, wrench

**Designed for constant speed under load, FEIN barrel-body angle grinders feature high performance long-life motors.**

Long carbon brush service life due to innovative design and optimum ventilation. Extremely robust and durable yet lightweight and ergonomic.

- 5/8-11 spindle with spindle lock.
- Reduced vibration.
- Very low weight.
- Removable safety guard.
- Aluminium bearing plate.

**POWERtronic (P)**  
for constant speed and torque.

**INOX** model with variable speed,  
ideal for stainless steel work.



**ANGLE GRINDERS**

| Order #            | Model             | Size | Watts | RPM    |
|--------------------|-------------------|------|-------|--------|
| <b>72217360090</b> | <b>WSG 8-115</b>  | 4½”  | 800   | 11,000 |
| <b>72217760090</b> | <b>WSG 11-125</b> | 5”   | 1,100 | 11,000 |
| <b>72218560090</b> | <b>WSG 11-150</b> | 6”   | 1,100 | 8,500  |

Comes with: handle, pair of flanges, wheel guard, wrench

**POWER ANGLE GRINDERS: POWERtronic**

| Order #            | Model               | Size | Watts | RPM    |
|--------------------|---------------------|------|-------|--------|
| <b>72220760090</b> | <b>WSG 17-125 P</b> | 5”   | 1,500 | 11,000 |
| <b>72221160090</b> | <b>WSG 17-150 P</b> | 6”   | 1,500 | 8,500  |

**POWER GRINDER / POLISHER: Variable speed**

|                    |                       |    |       |             |
|--------------------|-----------------------|----|-------|-------------|
| <b>72221360090</b> | <b>WSG 17-70 INOX</b> | 5” | 1,500 | 2,500-7,900 |
|--------------------|-----------------------|----|-------|-------------|

Comes with: handle, pair of flanges, wheel guard, wrench



## ANGLE GRINDERS - PADDLE-SWITCH

### FEIN 4½” paddle-switch angle grinder offers convenience and safety.

- Dead-man paddle switch.
- Mount handle on either side.
- Metal gear head and gears.
- Small and compact.



#### 4½” PADDLE SWITCH ANGLE GRINDER - 4 lbs

| Order #     | Model        | Size | Watts | RPM    |
|-------------|--------------|------|-------|--------|
| 72223160120 | WSG 7-115 PT | 4½”  | 820   | 12,500 |

Comes with: handle, pair of flanges, wheel guard, wrench

### Dust-resistant and powerful - FEIN 4½”, 5” and 6” paddle-switch angle grinders.

With the paddle switch grinders from FEIN you can work safely and efficiently without sacrificing power and durability.

- Dead-man paddle switch.
- Soft-start function and overload protection guards the user and the machine from injury and damage.
- Variable speed “V” models.
- Solid metal gear head.
- Dust protection grills keeps fine dust particles out of the motors’ intake.
- Anti-vibration handle (CG 13-125 PDE, CG 13-150 PDE, CG 13-150 PDEV).



#### PADDLE SWITCH ANGLE GRINDERS

| Order #     | Model          | Size | Watts | RPM    |
|-------------|----------------|------|-------|--------|
| 72226060390 | CG 10-115 PDE  | 4½”  | 1,200 | 12,500 |
| 72225960390 | CG 10-115 PDEV | 4½”  | 1,200 | 12,500 |
| 72226460390 | CG 13-125 PDE  | 5”   | 1,500 | 11,000 |
| 72226360390 | CG 13-150 PDE  | 6”   | 1,500 | 8,500  |
| 72226260390 | CG 13-150 PDEV | 6”   | 1,500 | 8,500  |

Comes with: handle, pair of flanges, wheel guard, wrench



## ANGLE GRINDER ACCESSORIES

### FEIN specialty-application grinder guards

Fit on most brands' 4½" to 6" high-speed angle grinders. Rugged construction for heavy-duty applications.

#### Must be used with a vacuum

More than 90% of dust removal rate using vacuum.



### FEIN Tuckpointing Guard **Order # 69908116032** Dust collection cover for wider kerfs

- Easy to install and replace blades.
- Accepts up to 5" diameter blades.
- Adjustable cutting depth. Maximum cutting depth 1¼".
- Perfect for tuckpointing and crack chasing.



#### Accessories included:

Surface grinding guard dust collector cover, connections for most 4½", 5" and 6" grinders, collar, base flange, spacers, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.

### FEIN Surface Grinding Guard **Order # 69908116031** Dust collection cover for high-speed grinders

- Easy to install and replace grinding cup wheels.
- Accepts up to 5" diameter grinding cup wheels.
- Removable cover allows grinding to the edge.
- Suspended dust cover prevents dust from escaping.
- Clear cover for better visibility.
- Perfect for grinding and sanding concrete or surface preparation work.



#### Accessories included:

Surface grinding guard dust collector cover, connections for most 4½", 5" and 6" grinders, flange and locknut set for selected grinders, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.

### FEIN ECOGUARD W6 Cover **Order # 69908116035** Dust collection cover for cutting

- Perfect for stone fabricators to cut laminate edges, concrete, natural and engineered stone, and other masonry products.
- Easy to install and replace blades.
- Accepts up to 6" diameter blades.
- Adjustable cutting depth. Maximum cutting depth 2".



#### Accessories included:

ECOGUARD W6 dust collection cover, connections for most 6" grinders, collar (for Metabo), base flange, spacers, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.



## ANGLE GRINDER ACCESSORIES

| GENERAL ACCESSORIES             |                                   |
|---------------------------------|-----------------------------------|
| Order #                         | Description                       |
| <b>FOR ALL GRINDERS</b>         |                                   |
| 63802192010                     | 5/8-11 tool-free clamping nut     |
| 63802098007                     | Threaded flange outer 5/8-11      |
| 63801183010                     | Inner flange bottom               |
| <b>FOR 4½", 5", 6" GRINDERS</b> |                                   |
| 32119124010                     | Anti-vibration handle             |
| 33901118010                     | Carrying case                     |
| 69908032284                     | 4½" spiral air-cooled backing pad |
| 69908032285                     | 5" spiral air-cooled backing pad  |
| 69908032286                     | 7" spiral air-cooled backing pad  |
| 69908032287                     | 5/8-11 nut for backing pads       |
| <b>FOR 7" &amp; 9" GRINDERS</b> |                                   |
| 32119117015                     | M14 anti-vibration handle         |
| 62903011005                     | 17mm long open wrench             |
| 62910022002                     | Pin spanner for 5/8-11            |
| 33901022014                     | Carrying case                     |

| GUARDS      |     |  |
|-------------|-----|--|
| Order #     | For | Fits models  |
| 31810300000 | 5"  | WSG11-125(a), WSG11-125R(a), WSG11-125RT(a), WSG17-125P, WSG17-125R, WSG125RT, WSG17-70 INOX       |
| 31810288010 | 5"  | WSG11-125, WSG11-125R, WSG125RT, WSG15-125P, WSG15-125PR, WSG15-125PRT, WSG15-70 INOX, WSG15-125PS |
| 31810289010 | 6"  | WSG11-150, WSG11-150R, WSG11-125RT, WSG15-150P, WSG15-150PR, WSG15-150PRT                          |
| 31810301000 | 6"  | WSG11-150(a), WSG11-150R(a), WSG11-150RT(a), WSG17-150P, WSG17-150PR, WSG17-150PRT                 |
| 31348073010 | 4½" | WSG7-115 (PT)  |
| 31810287010 | 4½" | WSG8-115   |
| 31810299000 | 4½" | WSG8-115(a)  |
| 31810245020 | 7"  | WSG20-180  |
| 31810246020 | 9"  | WSG20-230  |

## FEIN ABRASIVES

**For FEIN high performance abrasives, see the FEIN Abrasives section of this catalogue.**

State-of-the-art quality, high performance products made for serious industrial applications. Made to the most stringent of safety standards to assure end users a level of quality and safety in their daily applications.



- GRINDING WHEELS**
- PIPELINER WHEELS**
- CUT-OFF WHEELS**
- CHOP SAW WHEELS**
- FLAP DISCS**
- CARBIDE BURRS**
- FLAP WHEELS**
- UNITIZED DISCS**
- POLI-CLEAN WHEELS**
- SURFACE CONDITIONING PRODUCTS**



GRINDING

DIE GRINDERS

**Nothing is out of reach with FEIN die grinders.**

FEIN high performance die grinders are effective for cutting, grinding and deburring work in the steel and stainless steel. Thanks to their optimal shape and outstanding reach, grinding and polishing work can easily be carried out, even on difficult-to-reach spots. They feature impressive product benefits such as powerful motors, extra long necks for tight areas, and innovative collets to protect from work piece damage.

- Industrial quality - Made in Germany.
- Largest product line.
- Neck sizing great for hard to reach places.
- Choice of barrel body or rat-tail design.
- High material removal for every job.
- Constant and variable speed settings.
- Low vibration rating.
- Metal dust protection on armature and field coil.
- Unique FEIN ErgoGrip for minimal fatigue.
- Great weight distribution and balance.
- Safe, powerful and durable.



See page 89 for cordless die grinders

**GSZ DIE GRINDERS**

**P - POWERtronic E - Electronic variable speed control R - Rat-Tail design L - Long neck**

| Order #     | Model           | Watts | RPM             |
|-------------|-----------------|-------|-----------------|
| 72232460090 | GSZ 4-280 EL *  | 350   | 13,000 - 28,000 |
| 72232560090 | GSZ 4-90 EL *   | 350   | 3,500 - 8,500   |
| 72231660090 | GSZ 8-280 P     | 750   | 28,000          |
| 72231760090 | GSZ 8-280 PE *  | 750   | 8,500 - 28,000  |
| 72231960090 | GSZ 8-280 PEL   | 750   | 8,500 - 28,000  |
| 72232060090 | GSZ 8-90 PEL    | 710   | 2,500 - 9,000   |
| 72232260090 | GSZ 11-320 PERL | 1,010 | 9,500 - 32,500  |
| 72232360090 | GSZ 11-90 PERL  | 1,010 | 2,900 - 9,900   |

\* Special order

**COLLETS FOR GSZ 4, GSZ 8, GSZ 11**

Collets with wrap-around collar for workpiece protection and to prevent the wrench slipping when changing tools.



| Collets |                  |
|---------|------------------|
| Dia.    | Order #          |
| 1/8"    | 6 32 07 130 00 0 |
| 1/4"    | 6 32 07 131 00 0 |

| Collets Inox (SS) |                  |
|-------------------|------------------|
| Dia.              | Order #          |
| 1/8"              | 6 32 07 132 00 0 |
| 1/4"              | 6 32 07 135 00 0 |



**SURFACE FINISHING**



**HAND-HELD BELT GRINDERS**

**Powerful, hand-held belt grinding machines for flexible on-site operation.**

FEIN's revolutionary hand-held belt grinders provide industry and trade with a portable belt grinding system for a variety of grinding and finishing applications. Both models offer aggressive grinding in steel as well as excellent finishing in stainless steel. When grinding steel, the finish leaves no rotary grind lines that require further grinding, a smooth finish is produced.

**Benefits vs grinders**

- 3x faster bevelling and grinding.
- Excellent belt life with Cubitron belts.
- Tool-free belt changes.
- Superior surface finishing.
- High metal removal rate.
- Converts into a stationary belt grinding machine.



See the GRIT section, page 107, for the full line of stationary belt grinders and pipe notchers.

**GHB HAND-HELD BELT GRINDERS**

| Order #     | Model          | Description    | Watts | RPM           |
|-------------|----------------|----------------|-------|---------------|
| 79032109124 | GHB 15-50      | Single speed   | 1,500 | 8,500         |
| 79032209124 | GHB 15-50 INOX | Variable speed | 1,500 | 2,500 - 7,900 |

Comes with 1 grinding belt 39¼ x 2" (1000x50mm) grit 36

**GHB ADD-ON MODULES**

See page 44 for details.

Add-on modules expand the range of applications for the powerful GHB mobile belt grinding system.

Mobile and flexible onsite operation with quick set up times.





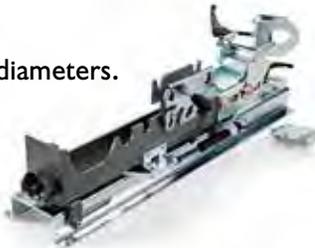
## SURFACE FINISHING

### HAND-HELD BELT GRINDERS

#### **GHBR for stationary pipe notching**

**Order # 99001012020**

- On-site use also possible.
- Easily process pipes with different diameters.
- Precise radii in one step.
- Contact rollers for different pipe diameters.
- Recommended for use with the GHB 15-50 INOX.



#### **GHBD for stationary belt grinding**

**Order # 99001012000**

- Converts hand-held GHB machine into a stationary belt grinder.
- Perfect chamfering due to adjustable grinding table.
- Process profiles and pipes.
- Designed for tough jobs.



#### **GHBM for mobile surface treatment**

**Order # 99001012010**

- Less effort when grinding long welds due to roller guide.
- Conversion to other applications in less than 45 seconds.
- Uniform surfaces in one step.
- Process large surfaces with less fatigue.



#### **GHBML for mobile floor grinding**

**Order # 99001012030**

- Enables grinding of floor weld seams.
- Perfect surface in one step.
- Adjustable guide rod for upright working.
- Minimal effort required for grinding long welded seams thanks to roller guide.
- Innovative, optical guide for straight sanding lines.
- Laser pointers can be fastened.
- Tool free set up makes the transformation effortless.



#### **GHBK for mobile beveling**

**Order # 99001012040**

- For long and straight plates.
- Bevel and material removal faster than an angle grinder.
- Bevel adjustment from 0-60°.
- Bevel depth 13/16" (20mm).
- Robust construction for heavy-duty operation.
- Spark box.



## SURFACE FINISHING



### HAND-HELD BELT GRINDERS

| GRINDING BELTS GHB                        |                      |                         |      |   |
|---|----------------------|-------------------------|------|---|
| Order #                                   | Grit                 | Size                    | Pack |   |
| <b>Z: Zirconia</b>                        |                      |                         |      |   |
| 69908036189                               | 36                   | 2 x 39¼"<br>(50x1000mm) | 10   |   |
| 69908036208                               | 60                   |                         |      |   |
| 69908036209                               | 80                   |                         |      |   |
| 69908036210                               | 120                  |                         |      |   |
| <b>A: Aluminium oxide (special order)</b> |                      |                         |      |   |
| 69908036236                               | 220                  | 2 x 39¼"<br>(50x1000mm) | 10   |   |
| 69908036218                               | 320                  |                         |      |   |
| 69908036218                               | 400                  |                         |      |   |
| <b>C: Cubitron (special order)</b>        |                      |                         |      |   |
| 69903126000                               | 36                   | 2 x 39¼"<br>(50x1000mm) | 10   |   |
| 69903127000                               | 60                   |                         |      |   |
| 69903128000                               | 80                   |                         |      |   |
| <b>R: Ceramic</b>                         |                      |                         |      |   |
| 69908036235                               | 36                   | 2 x 39¼"<br>(50x1000mm) | 10   |   |
| 69908036220                               | 60                   |                         |      |   |
| 69908036221                               | 80                   |                         |      |   |
| 69908036222                               | 120                  |                         |      |   |
| <b>F: Fleece</b>                          |                      |                         |      |   |
| 69908036223                               | Coarse               | 2 x 39¼"<br>(50x1000mm) | 3    |   |
| 69908036224                               | Medium               |                         |      |   |
| 69908036225                               | Fine                 |                         |      |   |
| 69908034034                               | Super polishing belt |                         |      | 1 |



#### Zirconia

It's the all-rounder for grinding and deburring steel and non-ferrous metals.

#### Aluminium oxide

Grinding belts with a fine grit for fine grinding of metals to final finish.

#### Cubitron

Precision grinding belt with ceramic grain guarantees maximum performance and service life.

#### Ceramic

Top grinding belt on the market, featuring superior service life and performance for considerably shorter working times.

#### Fleece Belts

Reliable for everything from covering up minor mistakes to creating a perfect finish.

| GRINDING BELTS GHBR |                    |      |                         |      |
|---------------------|--------------------|------|-------------------------|------|
| Order #             | Type               | Grit | Size                    | Pack |
| 69903157000         | <b>C: Cubitron</b> | 36   | 2 x 45¼"<br>(50x1150mm) | 10   |
| 69908036137         | <b>R: Ceramic</b>  | 36   |                         |      |
| 69908036138         | <b>Z: Zirconia</b> | 36   |                         |      |

| CONTACT ROLLERS GHBR |          |  |             |          |
|----------------------|----------|--|-------------|----------|
| Order #              | Diameter |  | Order #     | Diameter |
| 69902000409          | 16mm     |  | 69902000417 | 25.4mm   |
| 69902000411          | 19mm     |  | 69902000421 | 28mm     |
| 69902000415          | 22mm     |  |             |          |



Contact rollers are available up to 42.2mm. See the GHB brochure for the full range.



# SURFACE FINISHING

## FILLET WELD GRINDER

### Compact solution for angles and edges.

Work with extreme accuracy, even in hard-to-reach places with the KS 10-38E. This small, low-profile and handy tool removes fillet welds quickly and easily.

Even the tightest angles and seams can be leveled, ground and polished while scratches and unevenness can be removed with precision.

- Flexible operation with tool-free rotating arm
- Low-profile design for angles, seams, and hard to reach places
- Electronic speed control
- Long belt drive service life due to maintenance-free tensioning system



| Order #            | Description          | Includes  |
|--------------------|----------------------|---|
| <b>72216760090</b> | <b>KS 10-38E SET</b> | KS 10-38E Fillet Weld Grinder<br>Carrying case.<br>1 medium fleece disc 1/8" (3mm) thick<br>1 medium fleece disc 1/4" (6mm) thick<br>1 fine fleece disc 1/8" (3mm) thick<br>1 fine fleece disc 1/4" (6mm) thick<br>1 profiling stone for shaping fleece discs |



| Model                         | KS 10-38E                                |
|-------------------------------|--|
| Power input                   | 800 W                                    |
| Speed RPM                     | 1,350 to 3,750                           |
| Maximum circumferential speed | 97 ft/sec (29.5 m/sec) at 3,750 max. rpm |
| Cord length                   | 13 ft. (4 m)                             |
| Weight (EPTA)                 | 7 lbs (3.2 kg)                           |
| Wheel diameter                | 6 in. (150mm)                            |

**Accessories for the fillet weld grinder can be found on page 48.**

# SURFACE FINISHING



## BELT FILE

### Smooth edges, deburr sheet metal and level weld seams.

The FEIN BF 10-280E is a high performance, multi-purpose belt file for professional surface processing. A versatile, durable tool featuring low weight and outstanding handling. The most powerful belt file of its class on the market, featuring perfect belt tracking even with narrow belts.

- Outstanding removal rate
- Ideal for small spaces
- Maximum plunge depth into work piece
- No thrown grinding belts
- Perfect results at corners, edges and profiles
- Perfect for already-installed assemblies such as railings, etc.



| Order #            | Description           | Includes  |
|--------------------|-----------------------|---|
| <b>72280551090</b> | <b>BF 10-280E SET</b> | BF 10-280E Belt File tool<br>Carrying case<br>1 grinding arm - offset 3/32" / 1/4"<br>1 grinding arm - straight 3/32" / 1/4"<br>1 grinding arm - straight 3/4"<br>10 abrasive belts 3/32" (3mm) grit 120<br>10 abrasive belts 1/4" (6mm) grit 120<br>10 abrasive belts 3/4" (20mm) grit 120<br>5 fleece belts 1/4" (6mm) medium |



| Model          | BF 10-280E       |
|----------------|------------------|
| Power input    | 800 W            |
| Speed RPM      | 10,000 - 28,000  |
| Belt speed     | 39 - 105 ft/s    |
| Weight (EPTA ) | 4.6 lbs (2.1 kg) |
| Cable          | 13 ft. (4 m)     |
| Plunge depth   | 6½ in. (165mm)   |

**Accessories for the belt file can be found on page 48.**



# SURFACE FINISHING

## BELT FILE / FILLET WELD GRINDER ACCESSORIES

| <b>BF 10-280E BELT FILE ACCESSORIES</b> |                         |                |               |         |        |
|---|-------------------------|----------------|---------------|---------|--------|
| Order #                                 | Description             | Size in.       | Size mm       | Grit    | Pack   |
| 63810026010                             | Grinding arm - Offset   | 3/32" / 1/4"   | 3 / 6         |         | 1      |
| 63810027010                             | Grinding arm - Straight | 3/32" / 1/4"   | 3 / 6         |         | 1      |
| 63810030010                             | Grinding arm - Straight | 3/4"           | 20            |         | 1      |
| 63714061010                             | Ceramic grinding belts  | 3/32 x 20 1/2" | 3 x 520       | 80      | 10     |
| 63714062010                             |                         | 3/32 x 20 1/2" | 3 x 520       | 120     | 10     |
| 63714063010                             |                         | 3/32 x 20 1/2" | 3 x 520       | 180     | 10     |
| 63714068010                             |                         | 1/4 x 20 1/2"  | 6 x 520       | 80      | 10     |
| 63714069010                             |                         | 1/4 x 20 1/2"  | 6 x 520       | 120     | 10     |
| 63714070010                             |                         | 1/4 x 20 1/2"  | 6 x 520       | 180     | 10     |
| 63714089010                             |                         | 3/4 x 20 1/2"  | 20 x 520      | 80      | 10     |
| 63714090010                             |                         | 3/4 x 20 1/2"  | 20 x 520      | 120     | 10     |
| 63714091010                             |                         | 3/4 x 20 1/2"  | 20 x 520      | 180     | 10     |
| 63714114010                             |                         | Fleece belts   | 1/4 x 20 1/2" | 6 x 520 | Coarse |
| 63714115010                             | 1/4 x 20 1/2"           |                | 6 x 520       | Medium  | 5      |
| 63714116010                             | 1/4 x 20 1/2"           |                | 6 x 520       | Fine    | 5      |
| 63714123010                             | 3/4 x 20 1/2"           |                | 20 x 520      | Coarse  | 5      |
| 63714124010                             | 3/4 x 20 1/2"           |                | 20 x 520      | Medium  | 5      |
| 63714125010                             | 3/4 x 20 1/2"           |                | 20 x 520      | Fine    | 5      |
| 63726016010                             | Super polishing belts   | 1/4 x 20 1/2"  | 6 x 520       |         | 3      |
| 63726019010                             |                         | 3/4 x 20 1/2"  | 20 x 520      |         | 3      |



| <b>KS 10-38 E FILLET WELD GRINDER ACCESSORIES</b> |                           |            |       |            |      |
|---|---------------------------|------------|-------|------------|------|
| Order #   | Description               | Dia.       | RPM   | Size       | Pack |
| 63734008010                                       | Fleece disc extra-hard    | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63734002010                                       | Fleece disc hard          | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63734001010                                       |                           |            |       | 1/8" (3mm) | 1    |
| 63734004010                                       | Fleece disc medium        | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63734003010                                       |                           |            |       | 1/8" (3mm) | 1    |
| 63734006010                                       | Fleece disc fine          | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63734005010                                       |                           |            |       | 1/8" (3mm) | 1    |
| 63734007010                                       | Fleece disc very fine     | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63718011010                                       | Felt polishing wheel      | 6" (150mm) | 6,000 | 1/4" (6mm) | 1    |
| 63719011010                                       | Profiling stone - grit 36 |            |       |            | 1    |



# SURFACE FINISHING



## BELT GRINDING ARM

**Turn your polisher into a pipe polisher with a RBSV 650 belt grinding arm set.**

- Use the RBSV 650 on right angle polishers with speed control from 500 to 7,900 RPM. For fine finishing the best speed range is up to 3,000 RPM or slower.
- Finish pipe from 5/16 up to 10 inches, 360 degrees in two steps. The design of the arm allows you to finish pipe 2 inches from the wall.
- The grinding arm is rotatable with tool-free belt installation and perfect tracking of belts.
- From weld seam removal, to satin finishing, to a mirror finish, a wide range of belts is available that perform perfectly even on small radii.



**Fits:**  
**FEIN WPO 14-25E, WPO 14-15E**

| <b>GRINDING ARM ATTACHMENT</b>  |             |                     |                |            |      |
|---|-------------|---------------------|----------------|------------|------|
| <b>Order #:</b> 69908030272   |             | <b>RBSV 650 SET</b> |                |            |      |
| <b>Contents:</b>  |             |                     |                |            |      |
| Belt grinding arm 5/8-11, case, 4 ceramic grinding belts (grits 40/60/80/120), 1 Trizact belt grit 120, 2 fleece belts 35x650mm medium & extra-fine, 1 fleece belt 15x650mm medium, 2 zirconia belts (grits 80/120) |             |                     |                |            |      |
| <b>ACCESSORIES</b>  |             |                     |                |            |      |
| Order #   | Ref. #      | Size mm             | Size in.       | Grit       | Pack |
| <b>Ceramic grinding belts</b>   |             |                     |                |            |      |
| 69908034049   | 9293565040  | 35 x 650            | 1 3/8 x 25 1/2 | 40         | 10   |
| 69908034050   | 9293565060  |                     |                | 60         | 10   |
| 69908034051   | 9293565080  |                     |                | 80         | 10   |
| 69908034048   | 92935650120 |                     |                | 120        | 10   |
| <b>Zirconia grinding belts</b>  |             |                     |                |            |      |
| 69908034053   | 9971565080  | 15 x 650            | 5/8 x 25 1/2   | 80         | 20   |
| 69908034052   | 99715650120 |                     |                | 120        | 20   |
| <b>Trizact grinding belts</b>   |             |                     |                |            |      |
| 69908034016   | 23735650160 | 35 x 650            | 1 3/8 x 25 1/2 | 160        | 10   |
| 69908034014   | 23735650100 |                     |                | 220        | 10   |
| 69908034019   | 2373565065  |                     |                | 280        | 10   |
| 69908034018   | 2373565045  |                     |                | 400        | 10   |
| 69908034017   | 2373565030  |                     |                | 600        | 10   |
| <b>Fleece belts</b>   |             |                     |                |            |      |
| 69908034020   | 35650AMEDXS | 35 x 650            | 1 3/8 x 25 1/2 | Medium     | 5    |
| 69908034021   | 35650AVFXS  | 35 x 650            | 1 3/8 x 25 1/2 | Extra-fine | 5    |
| 69908034013   | 15650AMEDXS | 15 x 650            | 5/8 x 25 1/2   | Medium     | 5    |
| <b>Super polishing belts</b>  |             |                     |                |            |      |
| 69908034043   | 72135650    | 35 x 650            | 1 3/8 x 25 1/2 | Yellow     | 1    |



# SURFACE FINISHING

## PIPE SANDERS

**For high performance polishing of stainless steel pipes, FEIN pipe sanders complete with accessory selection covering rough sanding to mirror finish.**

**RS 12-70E PRO SET:  
Pipe sander with accessories for stainless steel tubes 3/8" to 3 1/8"**

**Includes:**

- Pipe Sander RS 12-70E
- Plastic carrying case
- 10 sanding belts 20x815mm, grit 120
- 10 sanding belts 20x815mm, grit 180
- 10 sanding belts 40x815mm, grit 120
- 10 sanding belts 40x815mm, grit 180
- 5 fleece belts 20x815mm, grit 280
- 2 stepped rollers



**RS 12-70E**



|                        |                             |
|------------------------|-----------------------------|
| <b>Model</b>           | <b>RS 12-70E</b>            |
| <b>Order #</b>         | <b>72211351035</b>          |
| Power input            | 1,200 W                     |
| Speed RPM              | 2,500 to 7,000              |
| Minimum wall clearance | 2" (50 mm)                  |
| Pipe diameter          | 3/8 to 3 1/8" (10 to 80 mm) |
| Cord length            | 13 ft. (4 m)                |
| Weight (EPTA)          | 8.3 lbs (3.8 kg)            |



## SURFACE FINISHING



### PIPE SANDERS



#### ACCESSORIES FOR RS 12-70E

| Description            | Order #     | Pack                        | Size  | Grit   |
|------------------------|-------------|-----------------------------|---|--------|
| <b>Fleece belts</b>    | 63714056016 | 5                           | 1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> "<br>(40 x 815 mm) | 80     |
|                        | 63714057010 |                             |   | 120    |
|                        | 63714058018 |                             |   | 280    |
|                        | 69908034252 |                             |   | Coarse |
|                        | 69908036110 |                             |   | Medium |
|                        | 69908036135 |                             |   | Fine   |
| <b>Sanding belts</b>   | 69908034025 | 10                          | 13/16 x 32 <sup>1</sup> / <sub>16</sub> "<br>(20 x 815 mm)                          | 80     |
|                        | 63714050015 |                             |   | 120    |
|                        | 63714051014 |                             |   | 180    |
|                        | 63714052017 |                             |   | 320    |
|                        | 63714053011 |                             |   | 400    |
|                        | 69908034234 | 10                          | 1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> "<br>(40 x 815 mm) | 600    |
|                        | 69908034253 |                             |   | 60     |
|                        | 69908036109 |                             |   | 80     |
|                        | 63714054019 |                             |   | 120    |
|                        | 63714055013 |                             |   | 180    |
| 69908034235            | 280         |                             |   |        |
| <b>Ceramic belts</b>   | 63714130010 | 10                          | 13/16 x 32 <sup>1</sup> / <sub>16</sub> "   | 80     |
|                        | 63714131010 | 10                          | 1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> "                  | 80     |
| <b>Polishing belts</b> | 63726010018 | 3                           | 13/16 x 32 <sup>1</sup> / <sub>16</sub> "   | -      |
| Guide pulleys          | 31335017011 | Minimum wall distance 2"    |   |        |
| Stepped roller         | 31335019010 | 1 roller, 1 nut, 2 bearings |   |        |

#### ACCESSORIES FOR RS 10-70E

| Description            | Order #     | Pack | Size   | Grit |
|------------------------|-------------|------|--|------|
| <b>Sanding Belts</b>   | 63714136010 | 10   | 1 <sup>1</sup> / <sub>8</sub> x 21"<br>(30 x 533 mm) | 80   |
|                        | 63714137010 |      |  | 120  |
|                        | 63714138010 |      |  | 180  |
|                        | 63714139010 |      |  | 320  |
|                        | 63714140010 |      |  | 400  |
| <b>Fleece Belts</b>    | 63714141010 | 5    | 1 <sup>1</sup> / <sub>8</sub> x 21"<br>(30 x 533 mm) | 80   |
|                        | 63714142010 |      |  | 120  |
|                        | 63714143010 |      |  | 280  |
| <b>Polishing Belts</b> | 63714144010 | 3    |  | Soft |



# SURFACE FINISHING

## FLEX-SHAFT / STAINLESS

### Turn your grinder or polisher into a flexible shaft machine with the Flex-Shaft.

Your polisher or grinder can become a flexible shaft machine by simply connecting the Flex-Shaft attachment. The industrial quality Flex-Shaft can be used on variable or single speed tools. Perfect for use with surface conditioning abrasives for all light grinding, deburring, and polishing applications. Ideal for small tight areas such as finishing inside pipes.



**Tool and polishing accessories sold separately.**

#### FLEX-SHAFT ATTACHMENT

| Order #            | Ref.    | Description  |
|--------------------|---------|--|
| <b>69908030208</b> | E10015b | Flexible shaft, 5/8-11 mount, comes with 1/4" collet, 56 1/2" long, maximum RPM 15,000 |
| 69908030206        | E10011b | 1/4" collet  |
| 69908030207        | E10011a | 1/8" collet  |

### Stainless Steel. A material with a future.

Architecture, railings, tank fabrication, commercial kitchens, ship building, furniture, swimming pools and more.

Stainless steel has enormous potential. FEIN can show you which solutions are most suitable for which applications and how you can complete them step by step.



- ▶ **Surface cleaning**
  - ▶ **Deburring**
  - ▶ **Weld seam removal**
  - ▶ **Scratch removal**
  - ▶ **Material removal and mitre grinding**
- 
- ▶ **Notching**
  - ▶ **Satinizing**
  - ▶ **Finish development**
  - ▶ **Fine finishing**
  - ▶ **Polishing to mirror finish**

**SURFACE FINISHING**



**VARIABLE SPEED POLISHERS**

**FEIN offers polishing tools with a wide range of RPMs to match the application at hand.**

Working at the correct RPM is one of the most important factors in producing the finish required. Even more critical, is the optimum RPM for the finishing product being used.

From 500 up to 8,500 RPM, FEIN variable speed polishers offer the optimum speed for any finishing abrasive. Two models have double-gear reduction from a planetary gear set for absolute constant speed and torque, providing the most consistent finish throughout the process. Excellent results in steel, stainless steel, sheet metal and more.



**Also available in application-oriented polishing and finishing sets as shown on pages 54-55.**

| <b>VARIABLE SPEED POLISHERS / GRINDERS</b>                        |                         |               |              |
|---|-------------------------|---------------|--------------|
| <b>Order #</b>  | <b>Model</b>            | <b>RPM</b>    | <b>Power</b> |
| <b>72214812360</b>  | <b>WPO 14-15E</b>       | 500 - 1,500   | 1,200 W      |
| <b>72214912360</b>  | <b>WPO 14-25E</b>       | 900 - 2,500   | 1,200 W      |
| <b>Includes:</b> grip cap and side handle                         |                         |               |              |
| <b>72221360090</b>  | <b>WSG 17-70 INOX</b>   | 2,500 - 8,000 | 1,500 W      |
| <b>72222260900</b>  | <b>WSG 17-70 INOX R</b> | 2,500 - 8,000 | 1,500 W      |
| <b>Includes:</b> wheel guard, set of flanges, side handle, wrench |                         |               |              |



Models that run from 2,500 to 8,500 RPM with electronic speed control are also perfect for finishing with wire wheels, flap discs, sanding discs, cut-off and grinding wheels.

Match the tool with a FEIN finishing accessory or choose a set that offers the tool plus accessories that best fit the finish you require.

By choosing FEIN, you are assured of getting perfectly matched tools and accessories resulting in a perfect finish.



# SURFACE FINISHING

## POLISHER SETS

**For every application, the right tool in combination with the right accessories is vital.**

With FEIN finishing sets, you are guaranteed to have the best possible tool combined with the appropriate accessories to provide the highest of finishing results for your application.



### BASIC POLISHER SETS

Contains: WPO 14-25E polisher with mounting equipment plus large case, side handle, hand guard, holder and 4" double keyway mandrel

| Order #            | Description                       | RPM           | Power   |
|--------------------|-----------------------------------|---------------|---------|
| <b>69908030007</b> | <b>WPO 14-25E BASIC SET</b>       | 900 - 2,500   | 1,200 W |
| <b>69908030001</b> | <b>WSG 17-70 INOX BASIC SET</b>   | 2,500 - 8,000 | 1,500 W |
| <b>69908030049</b> | <b>WSG 17-70 INOX R BASIC SET</b> | 2,500 - 8,000 | 1,500 W |

### SATIN SET

Polishing tool and accessory set for stainless steel satin finishing, also suitable for non-ferrous metals. The most versatile method where an inline pattern is required.

**Order #: 69908030010**

#### WPO 14-25E SATIN SET for #4 Stainless Steel Satin Finish

| Qty. | Contents   | Ref. #      |
|------|--|-------------|
| 1    | WPO 14-25E Basic Set                                       | 69908030007 |
| 1    | Satin Finishing Wheel Kit 4x4"<br>(1 sinus & 2 gum wheels) | 63721050020 |
| 1    | Rhombus cleaning block                                     | 63719007010 |



**Order #: 69908030008**

#### WPO 14-25E INLINE SET for Inline Finishing

| Qty. | Contents                      | Ref. #      |
|------|-------------------------------|-------------|
| 1    | WPO 14-25E Basic Set          | 69908030007 |
| 2    | 4x4" Zirconia sleeve, grit 60 | 69908034121 |
| 2    | 4x4" Zirconia sleeve, grit 80 | 69908034122 |
| 1    | 4x4" Fleece sleeve, coarse    | 69908034113 |
| 1    | 4x4" Fleece sleeve, medium    | 69908034114 |
| 1    | 4x4" Poli-Mix wheel, grit 180 | 69908034169 |
| 1    | 4x4" Sinus wheel              | 63721051010 |
| 1    | 4x4" Expanding rubber wheel   | 69908034110 |
| 1    | Rhombus cleaning block        | 63719007010 |

### INLINE SET

Polishing tool plus a wide selection of accessories for linear inline finishing, grinding and graining.



## SURFACE FINISHING



### POLISHER SETS

**Order #: 69908030009**

**WPO 14-25E MIRROR SET for Mirror Finish Preparation**

| Qty. | Contents                       | Ref. #      |
|------|--------------------------------|-------------|
| 1    | WPO 14-25E Basic Set           | 69908030007 |
| 2    | 4x4" TZ sleeve A06, grit 2,000 | 69908034125 |
| 2    | 4x4" TZ sleeve A16, grit 1,200 | 69908034126 |
| 2    | 4x4" TZ sleeve A30, grit 600   | 69908034127 |
| 2    | 4x4" TZ sleeve A45, grit 400   | 69908034128 |
| 2    | 4x4" TZ sleeve A65, grit 280   | 69908034129 |
| 2    | 4x4" TZ sleeve A100, grit 220  | 69908034130 |
| 2    | 4x4" TZ sleeve A160, grit 120  | 69908034131 |
| 3    | 4x4" super polishing sleeve    | 69908034117 |
| 1    | Poli-White hi-gloss 650g       | 69908034081 |
| 1    | Poli-Blue hi-gloss finish 650g | 69908034082 |
| 1    | Poli-Pink polishing cream 1 kg | 69908034084 |
| 1    | 4x4" expanding rubber wheel    | 69908034110 |

**MIRROR SET**

A comprehensive set that contains a range of abrasives, polishing sleeves, compounds and the perfectly matched tool all in one set. Everything you would need for a shadow-free finish right up to a mirror finish.



**BLENDING SET**

Produce finishes without transitions, streaks or blending lines with FEIN non-woven wavy sinus wheels. Unique satin finishing wheels made of folded non-woven grinding material. Ideal for nearly all materials and especially suitable for stainless steel surfaces.

**Order #: 69908030053**

**WPO 14-25E BLENDING SET for perfect finishes**

| Qty. | Contents  | Ref. #      |
|------|---|-------------|
| 1    | WPO 14-25E Basic Set                            | 69908030007 |
| 1    | 4x4" wavy sinus wheel orange coarse grit 80     | 69908034008 |
| 1    | 4x4" wavy sinus wheel red medium grit 120       | 69908034009 |
| 1    | 4x4" wavy sinus wheel yellow fine grit 180/240  | 69908034005 |
| 1    | 4x4" wavy sinus wheel green v-fine grit 280/320 | 69908034006 |



**POLISHING GUARD SYSTEMS** for use with all polishing accessories on pages 56 to 60

| FOR WPO 14-15E / WPO 14-25E |                                 |
|-----------------------------|---------------------------------|
| Order #                     | Description                     |
| 63733006010                 | Holder for WPO Polishers        |
| 30229216005                 | Hand guard                      |
| 63803068020                 | 4" double keyway mandrel 5/8-11 |
| 63803072020                 | 2" double keyway mandrel 5/8-11 |

| FOR WSG 17-70 INOX |                                 |
|--------------------|---------------------------------|
| Order #            | Description                     |
| 69908030107        | Holder for WSG Inox Polishers   |
| 30229216005        | Hand guard                      |
| 63803068020        | 4" double keyway mandrel 5/8-11 |
| 63803072020        | 2" double keyway mandrel 5/8-11 |

**GENERAL ACCESSORIES**

| Order #     | Description  |
|-------------|--|
| 69908030131 | Replacement screw for keyway mandrels  |
| 33901122010 | Large carrying case  |
| 69908034004 | Polisher Retrofit Accessory Kit: includes mandrel 90x100mm, handle and guard |



# SURFACE FINISHING

## POLISHING ACCESSORIES

### STAINLESS SATIN FINISHING KIT

Perfect surface finishing and blending, satin finishing of stainless steel surfaces.

| Size | Order #     | Qty. | Contents                 |
|------|-------------|------|--------------------------|
| 4x4" | 63721050020 | 1    | 4x4" gum wheel, grit 60  |
|      |             | 1    | 4x4" gum wheel, grit 180 |
|      |             | 1    | 4" sinus wheel, grit 180 |



### POLISHING ACCESSORIES

| Description              | Order #     | Size               | Type        | Grit  | Pack |
|--------------------------|-------------|--------------------|-------------|-------|------|
| Polishing gum wheels     | 63721006012 | 4x4"               | Green       | 60    | 1    |
|                          | 63721007016 | 4x4"               | Blue        | 180   | 1    |
|                          | 63721054010 | 4x2"               | Green       | 60    | 1    |
|                          | 63721055010 | 4x2"               | Blue        | 180   | 1    |
| Sinus fleece wheels      | 63721051010 | 4x4"               |             | 180   | 1    |
|                          | 63721056010 | 4x2"               |             | 180   | 1    |
| Cool backing pad 5/8-11" | 63806197010 | 3"                 |             |       | 1    |
|                          | 63806194010 | 4 1/2"             |             |       | 1    |
| Sanding discs            | 63728096019 | 4 1/2"             | A10         | 80    | 50   |
| Pyramix sanding discs    | 63717239010 | 4 1/2"             | A65         | 280   | 5    |
|                          | 63717240010 | 4 1/2"             | A45         | 400   | 5    |
|                          | 63717241010 | 4 1/2"             | A30         | 800   | 5    |
|                          | 63717242010 | 4 1/2"             | A16         | 1,400 | 5    |
| Super polishing disc     | 69908034190 | 6"                 | Ref.E80750N |       | 1    |
| Rhombus polishing block  | 63719007010 | For hand polishing |             |       |      |



### Blue SurfPrep Discs

- Remove blueing and oxidization
- Decorative finishes on hardware and jewelry
- Final finish on stainless, non-ferrous, die cast materials like pewter and bronze

### BLUE SURFPREP DISCS: Non-woven

| Description               | Order #     | Dia. | Max. RPM | Opt. RPM |
|---------------------------|-------------|------|----------|----------|
| 6x5/8 inch Blue SurfPrep  | 69908034042 | 6"   | 3,600    | 2,600    |
| 8x5/8 inch Blue SurfPrep  | 69908034047 | 8"   | 2,700    | 1,950    |
| 5/8-11 arbor with flanges | 69908030130 |      |          |          |



## SURFACE FINISHING



### POLISHING ACCESSORIES

| POLISHING ACCESSORIES   |               |             |         |        |        |
|---|---------------|-------------|---------|--------|--------|
| Description   | Order #       | Ref. #      | Size mm | Grit   |        |
| <b>BELT ROLLER</b><br>For grinding, fleece and felt belts.                      | 69908034077   | E40006VA    | 85x70   |        |        |
| <b>POLI-GRINDING BELTS</b><br>Aluminium oxide                                   | 69908034178   | E49040      | 30x600  | 40     |        |
|   | 69908034179   | E49060      | 30x600  | 60     |        |
|   | 69908034180   | E49080      | 30x600  | 80     |        |
|   | 69908034181   | E49120      | 30x600  | 120    |        |
|   | 69908034183   | E49180      | 30x600  | 180    |        |
| <b>POLI-FELT POLISHING BELT</b><br>Interlocking                                 | 69908034177   | E49004      | 30x600  |        |        |
| <b>POLI-FLEECE BELTS</b><br>Interlocking, for finishing and polishing of tubes. | 69908034174   | E49001      | 30x660  | Coarse |        |
|   | 69908034175   | E49002      | 30x660  | Medium |        |
|   | 69908034176   | E49003      | 30x660  | Fine   |        |
| <b>EXPANDING RUBBER WHEELS</b><br>For abrasive, fleece and felt sleeves.        | 69908034109   | E42001      | 90x50   |        |        |
|   | 69908034110   | E42002      | 90x100  |        |        |
| <b>POLI-FELT POLISHING SLEEVE</b>   | 69908034116   | E42013      | 90x100  |        |        |
| <b>POLI-FLEECE SLEEVES</b>  | <b>Brown</b>  | 69908034113 | E42010  | 90x100 | Coarse |
|   | <b>Maroon</b> | 69908034114 | E42011  | 90x100 | Medium |
|   | <b>Blue</b>   | 69908034115 | E42012  | 90x100 | Fine   |
|   | <b>Grey</b>   | 69908034112 | E42009  | 90x100 | X-Fine |



| POLISHING SLEEVES      |                 |             |          |                   |
|------------------------|-----------------|-------------|----------|-------------------|
| Description            | Size in (mm)    | Order #     | Ref. #   | Grit              |
| Pyramix TZ Sleeves     | 4 x 4" (90x100) | 69908034125 | E42206   | A06 - GR 2000     |
|                        |                 | 69908034126 | E42216   | A16 - GR 1200     |
|                        |                 | 69908034127 | E42230   | A30 - GR 600      |
|                        |                 | 69908034128 | E42245   | A45 - GR 400      |
|                        |                 | 69908034129 | E42265   | A65 - GR 280      |
|                        |                 | 69908034130 | E42270   | A100 - GR 220     |
|                        |                 | 69908034131 | E42280   | A160 - GR 120     |
| Super Polishing Sleeve | 4 x 4" (90x100) | 69908034117 | E42013-N | For mirror finish |
| Pyramix TZ Sleeves     | 4 x 2" (90x50)  | 69908034137 | E42321   | A06 - GR 2000     |
|                        |                 | 69908034138 | E42322   | A16 - GR 1200     |
|                        |                 | 69908034139 | E42323   | A30 - GR 600      |
|                        |                 | 69908034140 | E42324   | A45 - GR 400      |
|                        |                 | 69908034141 | E42325   | A65 - GR 280      |
|                        |                 | 69908034142 | E42326   | A100 - GR 220     |
| Super Polishing Sleeve | 4 x 2" (90x50)  | 69908034143 | E42331   | For mirror finish |

#### Pyramix TZ Sleeves

Pyramid-shaped with a special grain for both a high material removal and a fine surface pattern at the same time. Use with Rubber Expansion Wheel to grind out scratches and weld seams or to pre-polish for a mirror finish.

#### Super Polishing Sleeves

with pastes and polishing cream for a brilliant mirror finish.





## SURFACE FINISHING

### POLISHING ACCESSORIES

| Description   | Order #     | Ref. # | Size mm                      | Grit |
|---|-------------|--------|------------------------------|------|
| <b>MOUNTED WHEEL HOLDER</b><br>For accessories 50mm wide  | 69908030259 | E65007 | 5/16" (8mm) shank            |      |
| <b>SPACER RING SET</b><br>Hard plastic  | 69908034078 | E40007 | 2 x 20mm, 1 x 10mm, 1 x 50mm |      |
| <b>POLI-GRINDING BELT SLEEVES</b>   | 69908034132 | E42301 | 90x50                        | 40   |
| <b>Zirconia Sleeves</b>   | 69908034186 | E53050 | 90x50                        | 50   |
|   | 69908034133 | E42302 | 90x50                        | 60   |
|   | 69908034134 | E42303 | 90x50                        | 80   |
|   | 69908034135 | E42304 | 90x50                        | 120  |
|   | 69908034136 | E42305 | 90x50                        | 150  |
| <b>Zirconia Forte Sleeves</b><br>Ultimate performance and life                                  | 69908034120 | E42040 | 90x100                       | 40   |
|   | 69908034121 | E42060 | 90x100                       | 60   |
|   | 69908034122 | E42080 | 90x100                       | 80   |
|   | 69908034123 | E42120 | 90x100                       | 120  |
|   | 69908034124 | E42150 | 90x100                       | 150  |
| <b>POLI-CERAMIC BELT SLEEVES</b><br>Very aggressive for mill scale removal                      | 69908034284 | E42540 | 90x100                       | 40   |
|   | 69908034266 | E42560 | 90x100                       | 60   |
| <b>POLI-GUM WHEELS</b><br>Soft, synthetic surface conditioning wheel for graining applications. | 69908034170 | E45060 | 105x50                       | 60   |
|   | 69908034172 | E45180 | 105x50                       | 180  |
|   | 69908034171 | E45061 | 105x100                      | 60   |
|   | 69908034173 | E45181 | 105x100                      | 180  |
| <b>POLI-GUM WHEELS</b> Green<br>FEIN soft bond Blue   | 63721006012 | -      | 100x100                      | 60   |
|   | 63721007016 | -      | 100x100                      | 180  |



| Description   | Order #     | Ref. #   | Size mm | Grit |
|---|-------------|----------|---------|------|
| <b>POLI-FLEECE WHEELS</b><br>Pliable synthetic surface conditioning wheel for final finish, satin and shadowless matt finishing, and polishing. | 69908034146 | E43060-A | 105x50  | 60   |
|   | 69908034148 | E43100   | 115x50  | 80   |
|   | 69908034152 | E43180   | 115x50  | 180  |
|   | 69908034154 | E43280   | 115x50  | 280  |
|   | 69908034156 | E43400   | 115x50  | 400  |
|   | 69908034158 | E43600   | 115x50  | 600  |
|   | 69908034147 | E43061-A | 105x100 | 60   |
|   | 69908034149 | E43101   | 115x100 | 80   |
|   | 69908034153 | E43181   | 115x100 | 180  |
|   | 69908034155 | E43281   | 115x100 | 280  |
|   | 69908034157 | E43401   | 115x100 | 400  |
|   | 69908034159 | E43601   | 115x100 | 600  |
| <b>POLI-FLEECE TOP WHEELS</b><br>For fine deburring, decorative bright linear textures.   | 69908034150 | E43102   | 112x100 | 80   |
|   | 69908034151 | E43103   | 112x100 | 180  |



## SURFACE FINISHING



### POLISHING ACCESSORIES

#### NON-WOVEN SINUS "WAVY" WHEELS

Perfect for blending, produces no transition lines.

| Order #     | Color  | Grit                | Size                   | Max. RPM | Opt. RPM |
|-------------|--------|---------------------|------------------------|----------|----------|
| 69908034008 | Orange | Coarse(80)          | 4 x 4"<br>(100x100 mm) | 4,700    | 2,500    |
| 69908034009 | Red    | Medium(120)         |                        |          |          |
| 69908034005 | Yellow | Fine(180-240)       |                        |          |          |
| 69908034006 | Green  | Very-Fine(280-320)  |                        |          |          |
| 69908034007 | Purple | Ultra-Fine(400-600) |                        |          |          |



#### SINUS FLEECE WHEELS

Surface finishing and blending of stainless surfaces.

| Order #     | Size in | Size mm | Grit |
|-------------|---------|---------|------|
| 63721051010 | 4 x 4"  | 100x100 | 180  |
| 63721056010 | 4 x 2"  | 100x50  | 180  |



#### CLEANING WHEELS

Ideal for rust, scale, paint removal, cleaning surfaces and deburring.

| Description                   | Order #     | Ref. #   | Size mm | Grit |
|-------------------------------|-------------|----------|---------|------|
| Fibrous clean and strip wheel | 69908034087 | E40018-A | 115x50  | Hard |
|                               | 69908034086 | E40018   | 115x100 | Hard |
|                               | 69908034088 | E40018-W | 115x100 | Soft |



| Description   | Order #     | Ref. # | Size                          |
|---|-------------|--------|-------------------------------|
| <b>INOX SELF-ADHESIVE ROLL</b><br>Protective finishing tape               | 69908034095 | E40070 | 6" x 98.5"<br>(150mm x 2.5m)  |
| <b>COVER STRIP STAINLESS STEEL</b><br>For mitre finishing - self-adhesive | 63733010010 | -      | 1 9/16" x 197"<br>(40mm x 5m) |



#### FELT POLISHING FLAP DISCS with fibreglass backing

Made of 70% wool felt, affixed to a fibreglass backing plate to create a thick polishing pad. Individual flaps are flexible allowing a cool air flow. Use with polishing compounds or pastes to provide up to a mirror finish. Ideal for work on irregular or contoured surfaces.



| Order #     | Ref. #   | Grit   | Box | Dia. x arbor | Optimum RPM | Maximum RPM |
|-------------|----------|--------|-----|--------------|-------------|-------------|
| 69908031634 | WF245641 | Soft   | 5   | 5" x 5/8-11  | 1,520       | 8,500       |
| 69908034249 | WF245642 | Medium | 5   | 5" x 5/8-11  | 1,520       | 8,500       |
| 69908031635 | WF245671 | Soft   | 5   | 7" x 5/8-11  | 1,100       | 5,500       |



## SURFACE FINISHING

### POLISHING ACCESSORIES

| Description  | Order #     | Ref. #   | Size mm | Grit |
|--|-------------|----------|---------|------|
| <b>POLI-MIX WHEELS</b><br>Pliable synthetic wheel,<br>combination of fleece and flap         | 69908034161 | E44060   | 115x50  | 60   |
|  | 69908034164 | E44100   | 115x50  | 80   |
|  | 69908034166 | E44120   | 115x50  | 120  |
|  | 69908034168 | E44180   | 115x50  | 180  |
|  | 69908034163 | E44061   | 115x100 | 60   |
|  | 69908034165 | E44101   | 115x100 | 80   |
|  | 69908034167 | E44121   | 115x100 | 120  |
|  | 69908034169 | E44181   | 115x100 | 180  |
| <b>POLI-FLAP WHEELS</b><br>Pliable flap wheel for effective texturing<br>and satin finishing | 69908034096 | E41024   | 105x50  | 24   |
|  | 69908034097 | E41040   | 105x50  | 40   |
|  | 69908034098 | E41050   | 105x50  | 50   |
|  | 69908034099 | E41060   | 105x50  | 60   |
|  | 69908034100 | E41080   | 105x50  | 80   |
|  | 69908034101 | E41120   | 105x50  | 120  |
|  | 69908034102 | E41180   | 105x50  | 180  |
|  | 69908034103 | E41240   | 105x50  | 240  |
|  | 69908034104 | E41440   | 105x100 | 40   |
|  | 69908034105 | E41460   | 105x100 | 60   |
|  | 69908034106 | E41480   | 105x100 | 80   |
|  | 69908034107 | E41490   | 105x100 | 120  |
|  | 69908034108 | E41491   | 105x100 | 180  |
| <b>POLI-FELT WHEEL</b> Felt wheel for high<br>gloss finishing, use with compounds            | 69908034085 | E40017   | 100x50  | -    |
| <b>POLI-COTTON Rings: For polishing compounds and creams</b>                                 |             |          |         |      |
| For mirror finish  | 69908034089 | E40019   | 100x10  | -    |
| For high gloss mirror finish   | 69908034090 | E40019-T | 100x10  |      |



| <b>BUFFS:</b><br>Precision-made high quality buffs, 1/2" thick - 5/8" arbor hole |                           |   |      |
|--|---------------------------|---|------|
| Order #  | Description               |   | Dia. |
| 69908034070  | C6x1/2x5/8 90 COTTON      | 3/8" Circular Sewn Cotton Buff for<br>general purpose use | 6"   |
| 69908034074  | C8x1/2x5/8 90 COTTON      |   | 8"   |
| 69908034068  | C6x1/2x5/8 60 COTTON      | Loose Cotton Sewn Buff for general<br>purpose use         | 6"   |
| 69908034069  | C6x1/2x5/8 80 COTTON      | Loose Cotton Sewn Buff for high lustre<br>applications    | 6"   |
| 69908034073  | C8x1/2x5/8 80 COTTON      |   | 8"   |
| 69908034067  | C6x1/2x5/8 15 PLY COTTON  | Yellow wavy centerless buff                               | 6"   |
| 69908030130  | 5/8-11 arbor with flanges |   |      |



## SURFACE FINISHING



### POLISHING ACCESSORIES



Specially formulated polishing compounds for superior results in specific applications.



Bar weight is 3 to 4 lbs.

| POLISHING COMPOUNDS |   |
|---------------------|---|
| Order #             | Description   |
| 69908034065         | <b>C4W Brown Tripoli Cut &amp; Compound Bar</b><br>Heavy cut, medium colour, low grease. For non-ferrous metals, brass, aluminium, zinc die cast.                                   |
| 69908034066         | <b>C5A Brown Tripoli Cut &amp; Compound Bar</b><br>Heavy cut, low colour, low grease (same as C4W but more aggressive).<br>For non-ferrous metals, brass, aluminium, zinc die cast. |
| 69908034062         | <b>C18 Green Colour Compound Bar</b><br>High colour, high grease. For use on tableware, decorative hardware, plumbing fixtures, etc.  |
| 69908034060         | <b>C1 White Colour Compound Bar</b><br>High colour, low grease. For use on tableware, decorative hardware, plumbing fixtures, etc.  |
| 69908034064         | <b>C41W Grey Cut Compound Bar</b><br>Heavy cut, high grease. For use on stainless steel & aluminium.  |
| 69908034061         | <b>C11V Cut &amp; Colour Compound Bar</b><br>Medium cut, medium colour, medium grease. For use on cookware, cutlery, automotive lamps, appliances, etc.                             |
| 69908034076         | <b>CKC11 Dry White Colour Compound Bar</b><br>High color, low cut. For non-ferrous metals.  |
| 69908034063         | <b>C40 Black Colour Compound Bar</b><br>Heavy cut, greasy. For use on stainless steel and steel.  |
| 69908034075         | <b>CG1 Polishing Grease Stick</b><br>For polish wheels and abrasive belts.  |

| COMPOUNDS & SPRAYS     |  |                            |                    |                 |
|------------------------|--|----------------------------|--------------------|-----------------|
| Type                   | Description                                      | Order #                    | Ref. #             | Size            |
| <b>POLI-WHITE</b>      | High gloss polishing compound                    | 69908034081                | E40013             | 650 gr.         |
| <b>POLI-BLUE</b>       | High gloss finishing compound                    | 69908034082                | E40014             | 650 gr.         |
| <b>POLI-PINK</b>       | Final polishing cream, intensifies mirror finish | 69908034083<br>69908034084 | E40015<br>E40015-T | 1 kg.<br>60 ml. |
| <b>POLI-SEAL</b>       | Protect stainless steel - spray                  | 69908034080                | E40011             | 500 ml.         |
| <b>POLI-ALU-FIX</b>    | Oil spray for aluminium grinding                 | 69908034079                | E40010             | 500 ml.         |
| <b>POLI-INOX</b>       | Protective spray                                 | 69908034093                | E40040             | 500 ml.         |
| <b>POLI-BRILLIANCE</b> | Cleaning spray                                   | 69908034094                | E40050             | 500 ml.         |



# SURFACE FINISHING

## OSCILLATING TOOLS

**The FEIN MULTIMASTER oscillating MultiTool for professionals. 1,000 options, 1 system.**

**New MULTIMASTER 300, 500, and 700. Corded and cordless version tools and sets and the largest range of accessories in the world.**

- Starlock snap-fit mounting system for maximum transfer of power from tool to accessory.
- Tool changes in under 3 seconds with patented, tool-free, FEIN rapid-clamping system.
- Anti-vibration system.
- Overload protected motor.
- Easy handling.



### FEIN MULTIMASTERS(CORDED) \*

|  |   |
|--|---|
|   |   |
| <b>TYPE</b>  | <b>MM 300 PLUS START</b>  |
| <b>INCLUDES</b>  | + MULTIMASTER MM 300 Plus + Plastic carrying case<br>+ E-Cut Long-Life saw blade 1-3/8" (35 mm)<br>+ E-Cut Long-Life saw blade 2-1/2" (65 mm)<br>+ E-Cut universal saw blade 1-3/4" (44 mm) |
| <b>ORDER #</b>   | <b>7 229 72 61 09 0</b>   |

**\* For Cordless MultiMasters see:  
18V Page 91  
12V Page 97**

**Ask for the new FEIN Oscillating Catalogue containing the full product offering; tools, applications, new accessory kits and complete line of accessories.**

|   |  |
|---|--|
|  |  |
| <b>TYPE</b>   | <b>MM 500 PLUS TOP</b>   |
| <b>INCLUDES</b>   | + MULTIMASTER MM 500 Plus + Perforated sanding pad<br>+ E-Cut Long-Life saw blade 3/8" (10 mm) + 20 perforated sanding sheets (5 ea. grits 60, 80, 120, 180)<br>+ 2 x E-Cut Long-Life saw blade 1-3/8" (35 mm) + Plastic carrying case<br>+ 2 x E-Cut Long-Life saw blade 2-1/2" (65 mm)<br>+ E-Cut Carbide Pro saw blade 1-1/4" (32 mm)<br>+ Carbide segment saw blade Ø 3" (75 mm)<br>+ Carbide rasp 3-1/8" (80 mm)<br>+ Rigid scraper<br>+ Anti-static dust extraction device |
| <b>ORDER #</b>  | <b>72296761090</b>   |

|  |  |
|--|--|
|  |  |
| <b>TYPE</b>  | <b>MM 700 MAX TOP</b>  |
| <b>INCLUDES</b>  | + MULTIMASTER MM 700 Max + Triangular carbide rasp<br>+ 2 x E-Cut curved saw blade 1-3/8" (35 mm) + Rigid scraper<br>+ 2 x E-Cut curved saw blade 2-1/2" (65 mm) + Multi-knife blade<br>+ E-Cut Precision saw blade 1-3/8" (35 mm) + Perforated sanding pad<br>+ E-Cut Precision saw blade 2-1/2" (65 mm) + 40 sanding sheets (10 ea. grits 60, 80, 120, 180)<br>+ 2 x E-Cut Long-Life saw blade 1-3/8" (35 mm) + Dust extraction device<br>+ E-Cut Long-Life saw blade 1-1/4" (32 mm) + Plastic carrying case<br>+ E-Cut Long-Life saw blade 1-5/8" (42 mm)<br>+ E-Cut Carbide Pro saw blade 1-1/4" (32 mm)<br>+ Segmented saw blade 3-11/32" (85 mm)<br>+ HM segmented saw blade Ø 3" (75 mm)<br>+ Mushroom-shaped cutting blade |
| <b>ORDER #</b>   | <b>72296861090</b>   |

# SURFACE FINISHING



## OSCILLATING TOOLS

### New Application-Oriented Accessory Kits

Choose exactly what you need for your application from three types of kits: COMBO, BEST OF and PROFESSIONAL. Benefit from significant savings.

Whether it's wood, metal, floors, tiled surfaces, small recesses, and more - each of the accessory kits contain the most important accessories for specific applications.

- + Perfect combinations
- + Price advantage

### Most Versatile Accessory Assortment

- + Over 180 accessories in all 3 Starlock performance classes
- + Countless accessory options for sawing, sanding, polishing, separating, filing, scraping, cutting and cleaning.
- + Rigid stainless steel holders ensure completely smooth running and precise results.



## DUST-FREE SANDING

### Protect yourself, protect the environment, keep the workplace clean.

Dust-free sanding is faster and creates a better finish because the sandpaper rides directly on the work instead of on a bed of dust. Enjoy quicker job preparation and eliminate 90% of clean up, saving time and money. Dust-free sanding systems help protect from airborne dust particles, and make EPA compliance automatic.

FEIN dust extractors are the ideal companion to FEIN sanders or other sanders with dust extraction capabilities. The auto-on/off feature allows connected power tool to be automatically switched on or off; with the dust extractor remaining on for a few more seconds to clear any leftover dust from the hose.





# DUST EXTRACTION

## DUST EXTRACTORS

### Enjoy uninterrupted work with the 92030 XAC AutoClean.

Thanks to its fully automatic filter cleaning (AC) and the longer service life of the flat pleated filter. New Premium class vacuums feature large containers and extra long cords. Available in basic, AutoClean, and AutoClean HEPA versions.

- Large working area radius due to its 25 ft power cord and 13 ft suction hose.
- Convenient mounting of tool cases from various systems onto vacuum lid.
- Easy to move around with push handle, plus case and accessory fastening.
- Approved for dust class L.
- Outstanding wet vacuum performance ensured by PES flat pleated filter and electronic shutdown.

**FULLY  
AUTOMATIC  
92030  
TURBO XAC**



### FEIN PREMIUM TURBO DUST EXTRACTORS

| Order # / Description   | Includes   |
|---|--|
| <b>92029060090</b><br><b>92029 TURBO X</b>                            | Push handle, flat pleated filter PES, fleece filter bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020 |
| <b>92030060090</b><br><b>92030 TURBO XAC</b><br><b>AutoClean</b>      | Push handle, flat pleated filter PES, disposal bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020      |
| <b>92030060990</b><br><b>92030 TURBO XAC HEPA</b><br><b>AutoClean</b> | Push handle, flat pleated filter HEPA, disposal bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020     |

#### Accessory Kit

For wet/dry pick up  
Order #: 31345071020



| Technical Specifications |           | 92035 TURBO I | 92036 TURBO II | 92029 TURBO X | 92030 TURBO X AC |
|--------------------------|-----------|---------------|----------------|---------------|------------------|
| AutoClean                |           | -             | -              | -             | YES              |
| AutoStart                |           | YES           | YES            | YES           | YES              |
| Suction control          |           | YES *         | YES *          | YES           | YES              |
| Watts                    | W         | 1,100         | 1,100          | 1,100         | 1,100            |
| Air volume (at blower)   | cfm (l/s) | 151 (71)      | 151 (71)       | 151 (71)      | 151 (71)         |
| Sound pressure level     | dB(A)     | 67            | 67             | 69            | 69               |
| Weight                   | lbs (kg)  | 17.9 (8.1)    | 20 (9.1)       | 29.7 (13.5)   | 31 (14)          |
| Static water lift        | in (mbar) | 98.4 (245)    | 98.4 (245)     | 98.4 (245)    | 98.4 (245)       |
| Hose length              | ft (m)    | 13 (4)        | 13 (4)         | 13 (4)        | 13 (4)           |
| Hose diameter            | in (mm)   | 1 3/8" (35)   | 1 3/8" (35)    | 1 3/8" (35)   | 1 3/8" (35)      |
| Container volume         | gal (L)   | 5.8 (22)      | 8.4 (32)       | 9.2 (35)      | 9.2 (35)         |
| Cable                    | ft (m)    | 19.7 (6)      | 19.7 (6)       | 25 (7.6)      | 25 (7.6)         |

\* with tool coupling

## DUST EXTRACTION



### DUST EXTRACTORS

#### FEIN Turbo Vacuums - durable and quiet.

Effective dust extraction from power tools for clean workplaces in the shop and onsite. Sophisticated professional FEIN vacuums are versatile and robust, yet incredibly powerful.

- Autostart outlet with power-on delay to prevent current spikes.
- High performance turbine.
- Tool coupling with suction control for easy control of suction power.
- 13 ft. suction hose for large operating radius.
- Easily-cleaned flat pleated filter with protective filter cartridge.
- Large wheels rotate 360° for optimal maneuverability even in tight conditions.
- Accessory holder, cord and hose hooks.
- Complete range of accessories and filtering options available.
- Ideal when used with FEIN dust-free sanders and most tools with dust extraction capabilities.
- **Anti-static capable through use of optional anti-static accessories.**



**92035  
TURBO I**



**92036  
TURBO II**

#### FEIN TURBO DUST EXTRACTORS

| Order #     | Description   |
|-------------|---|
| 92035236090 | <b>92035 TURBO I</b><br>Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose flat filter, non-woven filter bag |
| 92035060090 | <b>92035 TURBO I SET</b><br>Turbo I contents above plus Accessory Kit # 31345071020   |
| 92036236090 | <b>92036 TURBO II</b><br>Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose filter, non-woven filter bag     |
| 92036060090 | <b>92036 TURBO II SET</b><br>Turbo II contents above plus Accessory Kit # 31345071020   |
| 92036236990 | <b>92036 TURBO II HEPA</b><br>Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, HEPA filter, non-woven filter bag     |
| 92036060990 | <b>92036 TURBO II HEPA SET</b><br>Turbo II HEPA contents above plus Accessory Kit # 31345071020   |

#### APPLICATIONS

| SERIES         | COMPACT CLASS |          |               | PREMIUM CLASS |                 |               |                    |
|----------------|---------------|----------|---------------|---------------|-----------------|---------------|--------------------|
|                | TURBO I       | TURBO II | TURBO II HEPA | TURBO II X    | TURBO II X HEPA | TURBO II X AC | TURBO II X AC HEPA |
| Liquids        | ▲             | ▲        | ▲             | ▲             | ▲               | ▲             | ▲                  |
| Coarse debris  | ▲             | ▲        | ▲             | ▲             | ▲               | ▲             | ▲                  |
| Fine dust      | ▲             | ▲        | ▲             | ▲             | ▲               | ▲             | ▲                  |
| Hazardous dust | -             | -        | ▲             | -             | ▲               | -             | ▲                  |



# DUST EXTRACTION

## DUST EXTRACTOR ACCESSORIES

### ACCESSORIES

**For Turbo I models 92027, 92035**

**For Turbo II models 92028, 92029, 92030, 92036**

| Order #     | Description  | Pack |
|-------------|--|------|
| 31345071020 | Accessory Kit for wet/dry pick up                                  | 1    |
| 31345012010 | Cellulose flat pleated filter - 1 micron                           | 1    |
| 31345059010 | Flat pleated wet/dry filter (PES) - 1 micron                       | 1    |
| 31345060010 | Flat pleated HEPA filter - 0.3 micron                              | 1    |
| 31345274010 | Flat fold cleanable HEPA filter - 0.3 micron                       | 1    |
| 31345061010 | Non-woven filter bags 25L for Turbo I                              | 5    |
| 31345062010 | Non-woven filter bags 35L for Turbo II                             | 5    |
| 31345251010 | Premium reinforced fleece filter bags Turbo II                     | 5    |
| 31345130010 | Hepa filter bags for Turbo II                                      | 3    |
| 31345064010 | Permanent filter (replaces fleece filter bags)                     | 1    |
| 31345063010 | Disposal bag for AC models   | 5    |
| 31345065010 | Suction hose - Dia. 1 1/16" x 13 ft. long (27mm x 4m)              | 1    |
| 31345066010 | Suction hose - Dia. 1 3/8" x 13 ft. long (35mm x 4m)               | 1    |
| 31345067010 | Extension hose - Dia. 1 1/16" x 8 ft. long (27mm x 2.5m)           | 1    |
| 31345068010 | Extension hose - Dia. 1 3/8" x 8 ft. long (35mm x 2.5m)            | 1    |
| 31345121010 | Anti-static hose - Dia. 1 1/16" x 13 ft. long (27mm x 4m)          | 1    |
| 31345120010 | Anti-static hose - Dia. 1 3/8" x 13 ft. long (35mm x 4m)           | 1    |
| 31345250010 | Anti-static tool coupling with suction control 1 1/16" (27mm) hose | 1    |
| 31345300010 | Anti-static tool coupling with suction control 1 3/8" (35mm) hose  | 1    |
| 31345069010 | Replacement hose end kit (tool) - Dia. 1 3/8" (35mm)               | 1    |
| 31345070010 | Elbow handle - Fits 1 3/8 & 1 1/16" (35 & 27mm) hoses              | 1    |
| 31345263010 | Elbow handle with air regulator - Fits 1 3/8 & 1 1/16" hoses       | 1    |
| 31345071010 | Metal extension tubes  | 2    |
| 31345072010 | Floor nozzle for carpets and bare floors                           | 1    |
| 31345073010 | Plastic combination wet-dry floor nozzle with inserts 12"          | 1    |
| 31345137010 | Aluminium combination wet-dry floor nozzle with inserts 12"        | 1    |
| 31345074010 | Crevice nozzle 10"   | 1    |
| 31345075010 | Upholstery nozzle 5"   | 1    |
| 31345076010 | Dusting brush - with edged bristles 2 1/4 x 1 1/4"                 | 1    |
| 31345077010 | Long bristle brush 4 3/4 x 1 3/4"                                  | 1    |
| 31345079010 | Step adaptor (4 steps)   | 1    |
| 31345119010 | Cable holder - attaches cable to suction hose                      | 5    |

**Accessory Kit  
For wet/dry pick up**  
2 metal extension tubes,  
crevice nozzle, dusting brush,  
elbow, combination nozzle  
with inserts



**Flat filter**



**Fleece filter bags**



**Upholstery nozzle**



**Long brush**



### Anti-Static Function

FEIN Turbo I and II models can be equipped with anti-static hose and tool coupling with suction control. The suction cups have a grounding contact which enables the electrostatic to be dissipated.

**Anti-static  
tool coupling**



**Anti-static hose**





### PORTABLE BAND SAWS

#### Femi NG120XL Metal Cutting Band Saw

Up to 60% faster than a traditional band saw due to its patented NG system.

- Powerful motor with electronic digital speed regulator for constant speed.
- Blade tensioning device with clutch (patented).
- Adjustable left cutting angle from 0° to 60° with quick lock at 45° and 60°.
- Double front and rear sliding saw blade guides.
- Base with flat surface for bench fixing.
- No lubrication required.
- Easy to carry.



NG120XL

#### BAND SAW

| Order #     | Description                               | Max. cut Ø | Power   |
|-------------|---|------------|---------|
| 69908030047 | NG120XL Band Saw                          | 120 mm     | 1,300 W |
| 69908038200 | Saw Blades 5-Pack - 1440x13x0.65mm 14 TPI |            |         |

#### Femi ABS NG160 Automatic Metal Cutting Band Saw for precision cuts.

Fully autonomous cutting cycle without operator.

- Push-click: 4 downfeed speeds with mechanical selector (arm block mechanical system for an easy and safe positioning of the piece).
- Automatic cut-off switch after finishing cutting operation.
- Safety emergency button to stop cutting.
- Energy saving 100% motor efficiency is granted by the exclusive ABS system.
- Maximum cutting versatility on all metal materials.
- NG system: up to 60% faster cutting.
- Powerful 2000 W single-phase motor equipped with digital electronic speed regulator for constant speed.
- Blade tensioning device with clutch (patented).
- Base with integrated quick sliding vice.



ABS NG160

#### BAND SAW

| Order #     | Description                                | Max. cut Ø | Power   |
|-------------|--|------------|---------|
| 69908030048 | ABS NG160 Automatic Band Saw               | 160 mm     | 2,000 W |
| 69908038201 | Saw Blades 5-Pack - 1735x13x0.9mm Pitch 14 |            |         |



CUTTING

HACKSAWS

**Cutting pipes with FEIN hacksaws - a cut above the others.**

FEIN ultra-powerful hacksaws are designed for cutting pipes and profiles even in high risk conditions. Cast iron, steel and plastic pipes used in processing plant and public supply networks can only be cut using special tools.

- High output and low stroke rate, designed for large dimension pipes.
- Ideally suited for cutting pipes and profiles made of steel, cast iron, autoclaved aerated concrete, and plastics.
- Very well suited to cutting sectional material.



ASTXE 649-1



STS 325 R

**HACKSAWS**

| Order #     | Description   |
|-------------|---|
| 72342309360 | <b>ASTXE 649-1 Electric Variable Speed Hacksaw</b><br>Includes: 2 saw blades, set of wrenches, handle |
| 75340813000 | <b>STS 325 R Pneumatic Hacksaw</b><br>Includes: 2 saw blades, wrenches, handle, hose coupling         |



90702001001



90702004006

**ACCESSORIES**

| Order #     | Description  |
|-------------|--|
| 90702001001 | Pipe clamp up to 6"  |
| 90702004006 | Pipe clamp up to 12 <sup>3</sup> / <sub>4</sub> " diameter       |
| 30216130004 | Pin for extension chain  |
| 30231003003 | Extension chain up to 17 <sup>5</sup> / <sub>16</sub> " diameter |
| 90702005000 | Clamp and feed device  |
| 90606002009 | Saw blade guide  |
| 32132020129 | Cutting paste  |
| 33901022014 | Carrying case  |



## HACKSAW & JIGSAW BLADES

| <b>HACKSAW BLADES</b> |                                  |                                  |                                    |
|-----------------------|----------------------------------|----------------------------------|------------------------------------|
| Order #               | Teeth Per Inch                   | Length                           | Maximum Cut Dia.                   |
| 63503040003           | 6                                | 21"                              | 14 <sup>7</sup> / <sub>8</sub> "   |
| 63503063007           | 16                               | 12"                              | 6 <sup>5</sup> / <sub>8</sub> "    |
| 63503064005           | 16                               | 16"                              | 10 <sup>1</sup> / <sub>4</sub> "   |
| 63503065009           | 8                                | 8"                               | 3 <sup>1</sup> / <sub>8</sub> "    |
| 63503066002           | 16                               | 8"                               | 2"                                 |
| 63503067006           | 21                               | 8"                               | 2"                                 |
| 63503068004           | 8                                | 15 <sup>3</sup> / <sub>4</sub> " | 9 <sup>3</sup> / <sub>4</sub> "    |
| 63503069008           | 12                               | 21"                              | 14 <sup>7</sup> / <sub>8</sub> "   |
| 63503070000           | 12                               | 12"                              | 6"                                 |
| 63503071009           | 6                                | 12"                              | 6"                                 |
| 63503072002           | 16                               | 20"                              | 13 <sup>3</sup> / <sub>4</sub> "   |
| 63503073006           | 16                               | 24"                              | 17 <sup>5</sup> / <sub>8</sub> "   |
| 69908104011           | 12                               | 30"                              | 24 <sup>3</sup> / <sub>8</sub> "   |
| <b>TD BLADES</b>      |                                  |                                  |                                    |
| Order #               | Teeth Per Inch                   | Length                           | Maximum Cut Dia.                   |
| 63503096018           | 10 <sup>1</sup> / <sub>4</sub> " | 12 <sup>5</sup> / <sub>8</sub> " | 6 <sup>5</sup> / <sub>8</sub> "    |
| 63503097012           | 17"                              | 19 <sup>1</sup> / <sub>4</sub> " | 13 <sup>15</sup> / <sub>16</sub> " |
| 63719007010           | Rhombus cleaning block           |                                  |                                    |



Hacksaw blades should be about 4 to 6 inches larger than the diameter of the pipe.

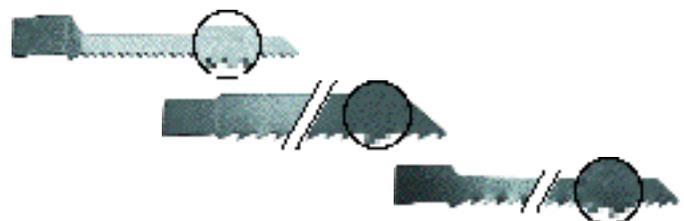
- Blades suitable for high alloy materials.
- Clamping devices for pipes, profiles and for mitre cuts up to 45 degrees.
- Clamp feed device for effortless precision cuts at a constant pressure.
- TD Blades - Borzon-coated, primarily for use on ductile cast-iron pipes with the clamp feed device.

## JIGSAW BLADES

Jigsaw blades match perfectly to the job at hand. U-Shank blades that fit the FEIN ASTE 636, ASTE 638, as well as Skil, Black & Decker, Ryobi, Kress and Porter Cable models.

| <b>SAW BLADES FOR ASTE 649-1</b> |        |                                  |      |
|----------------------------------|--------|----------------------------------|------|
| Order #                          | T.P.I. | Length                           | Pack |
| 63503041011                      | 32     | 4"                               | 3    |
| 63503042014                      | 14     | 4"                               | 3    |
| 63503043018                      | 10     | 4"                               | 3    |
| 63503044016                      | 21     | 3 <sup>1</sup> / <sub>2</sub> "  | 3    |
| 63503046013                      | 8      | 3 <sup>9</sup> / <sub>16</sub> " | 3    |
| 63503047017                      | 14     | 6"                               | 3    |
| 63503048015                      | 14     | 6"                               | 3    |
| 63503049019                      | 6      | 6"                               | 3    |
| 63503050011                      | 4      | 6"                               | 3    |
| 63503051010                      | 14     | 9"                               | 3    |
| 63503053017                      | 3      | 9"                               | 3    |
| 63503058014                      | 32     | 6"                               | 3    |
| 63503059018                      | 24     | 9"                               | 3    |

| <b>SAW BLADES FOR ASTE 638</b> |        |                                 |      |
|--------------------------------|--------|---------------------------------|------|
| Order #                        | T.P.I. | Length                          | Pack |
| 63503112010                    | 21     | 3 <sup>1</sup> / <sub>2</sub> " | 5    |
| 63503036014                    | 12     | 3 <sup>1</sup> / <sub>2</sub> " | 5    |
| 63503037018                    | 8      | 3 <sup>1</sup> / <sub>2</sub> " | 5    |
| 63503038016                    | 6      | 3 <sup>1</sup> / <sub>2</sub> " | 5    |
| 63503039010                    | 6      | 3 <sup>1</sup> / <sub>2</sub> " | 5    |
| 63503060010                    | 36     | 3"                              | 5    |
| 63503077014                    | 21     | 4 <sup>1</sup> / <sub>2</sub> " | 5    |





## METAL CUTTING SAWS

### Faster, cleaner and safer than other metal cutting equipment.

Innovative Sluggo Metal Saws cut steel as easily as plywood. Their specially designed covers collect virtually all chips and sparks, and the ability to bevel up to 45 degrees increases capability in a way no other metal cutters can match.

Heavy duty construction, heat-free cutting, and features that promote productivity and safety.



### 7 1/4" METAL CUTTING SAW

**Order #:** 69908120000

**Includes:**

case, wrench,  
7 1/4" mild steel blade,  
guide plate, safety eyewear,  
ear protection

The Sluggo 7 1/4" metal cutting saw cuts through almost any type of steel effortlessly. User-friendly features combined with a powerful motor make it an invaluable portable steel cutting tool. Low vibration and an internally powered laser guide help achieve straight, accurate cuts.



### 9" METAL CUTTING SAW

**Order #:** 69908120001

**Includes:**

case, wrench,  
9" mild steel blade,  
guide plate, safety eyewear,  
ear protection

The Sluggo 9" metal cutting saw is a high performance metal cutting saw. Its durability, power and cutting performance are unsurpassed. Cuts quickly and cleanly and features an integrated laser guide for straight accurate cuts.



### 14" METAL CUTTING SAW

**Order #:** 72905361120

**Includes:** wrench, table vise,  
14" mild steel blade,  
safety eyewear,  
ear protection

The 14" Sluggo saw is a bench design, offering safety and convenience with ergonomic features. The shovel grip design of the feed handle and the quick release vise, make this machine easy to operate. It can be used on plate stock, rounds, and structural.

- Bevels up to 45 degrees
- Quick release vise
- D-Handle with safety switch
- High torque 3HP motor

Unique  
auto-retracting  
blade guard for  
improved  
clearance





## METAL CUTTING SAWS BLADES

| Order #            | 69908120000     | 69908120001     | 72905361120      |
|--------------------|-----------------|-----------------|------------------|
| Motor HP           | 1.9             | 2.4             | 3.0              |
| Input power        | 12A (1,400 W)   | 15A (1,800 W)   | 15A (1,800 W)    |
| No load RPM        | 3,800           | 2,300           | 1,300            |
| Arbor              | 3/4" (20mm)     | 1" (25.4mm)     | 1" (25.4mm)      |
| Saw blade diameter | 7 1/4" (185mm)  | 9" (230mm)      | 14" (355mm)      |
| Max. depth of cut  | 2 3/8" (60mm)   | 3 1/8" (80mm)   | -                |
| - round            | -               | -               | 5 1/8" (130mm)   |
| - square           | -               | -               | 4 3/4" (120mm)   |
| Vibration          | 7.20 m/s2       | 6.75 m/s2       |                  |
| Noise level        |                 |                 | 98 dB(A)         |
| Weight             | 15 lbs (6.8 kg) | 21 lbs (9.5 kg) | 54 lbs (24.4 kg) |



**Engineered for precise, accurate cuts with minimal dust.**

Designed for fast and accurate cuts in mild and thin metal, aluminium and stainless steel. Compared to traditional abrasive-type blades, Sluggger metal blades perform faster, more accurate cuts, and maintain a lower temperature with less dust. All Sluggger saw blades are made with longevity and durability in mind. Get more cuts with Sluggger blades than with a fibre disc.



\* **Capacity:** up to stated size in solid material

### METAL CUTTING SAW BLADES

| Order #                          | For             | Capacity *    | Total # teeth | Arbor hole |
|----------------------------------|-----------------|---------------|---------------|------------|
| <b>7" (180mm) SAW BLADES</b>     |                 |               |               |            |
| 63502007500                      | Mild steel      | 5/16" (8mm)   | 36            | 3/4"       |
| 63502007510                      | Aluminium       | 3/8" (9.5mm)  | 54            |            |
| 63502007520                      | Stainless steel | 1/4" (6mm)    | 48            |            |
| 63502007530                      | Thin steel      | 1/4" (6mm)    | 48            |            |
| <b>7 1/4" (185mm) SAW BLADES</b> |                 |               |               |            |
| 63502007200                      | Mild steel      | 5/16" (8mm)   | 36            | 3/4"       |
| 63502007210                      | Aluminium       | 3/8" (9.5mm)  | 54            |            |
| 63502007220                      | Stainless steel | 1/4" (6mm)    | 48            |            |
| 69908120450                      | Thin steel      | 1/4" (6mm)    | 48            |            |
| <b>8" (203mm) SAW BLADES</b>     |                 |               |               |            |
| 69908120441                      | Mild steel      | 1/2" (12.7mm) | 42            | 5/8"       |
| 69908120442                      | Thin steel      | 1/4" (6mm)    | 68            |            |
| <b>9" (230mm) SAW BLADES</b>     |                 |               |               |            |
| 63502009540                      | Mild steel      | 1/2" (12.7mm) | 48            | 1"         |
| 63502009550                      | Aluminium       | 5/8" (15.9mm) | 80            |            |
| 63502009560                      | Stainless steel | 5/16" (8mm)   | 48            |            |
| 69908120448                      | Thin steel      | 1/4" (6mm)    | 60            |            |
| <b>14" (355mm) SAW BLADES</b>    |                 |               |               |            |
| 63502014600                      | Mild steel      | 1/2" (12.7mm) | 66            | 1"         |
| 63502014610                      | Aluminium       | 5/8" (15.9mm) | 80            |            |
| 63502014620                      | Stainless steel | 5/16" (8mm)   | 90            |            |
| 63502014630                      | Thin steel      | 1/4" (6mm)    | 90            |            |



CUTTING

BEVELERS B-LINE

**Bevel and debur parts, internal and external radii and holes - without compromise.**

- Cost effective solutions for weld preparation that will improve your manufacturing process.
- Made from premium quality components.
- Certified for sale in Canada.



**B10 / B15 Electra**

- Durable, powerful hand-operated bevelers for beveling and deburring steel, aluminium and other materials.
- High performance FEIN motor and gearbox.
- Unique ErgoGrip design for fatigue-free work

**B-LINE Hand Feeding (MANUAL)**

| Type  | Max. bevel width | Bevel angle                 | Rounding of the edge                            |
|---|------------------|-----------------------------|---|
| <b>B10 ELECTRA Beveler</b><br>Electric 110V           | 10 mm (0.4")     | 30°, 37.5°, 45°<br>50°, 60° | R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16") |
| <b>B15 ELECTRA Beveler</b><br>Electric 110V           | 15 mm (0.6")     | 30°, 37.5°, 45°<br>50°, 60  | R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16") |
| <b>B22 ZERO Beveler</b><br>Electric 220V/3 and 110V/1 | 20 mm (0.79")    | 0° - 60°<br>FACING          | -   |

**B3 Stationary Deburring System**

Electric 110V system for deburring and beveling of parts and workpieces

|  |              |                             |   |
|--|--------------|-----------------------------|---|
| <b>B15 AIR Beveler</b><br>Pneumatic - heavy duty | 2 mm (0.08") | 30°, 37.5°, 45°<br>50°, 60° | R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16") |
|--|--------------|-----------------------------|---|

**B2 AIR Hand-held Deburring System**

Pneumatic deburring system that fits in the palm of your hand

**B-DOCK Docking Station**

Transforms the B10 Electra or B15 Electra into a stationary tool



FEIN Canada, the solution provider to the Canadian metalworking market, is pleased to partner with N.K.O Machines - a prominent world manufacturer of high quality efficient beveling systems.

N.K.O Bevelers are among the world's best, bringing innovation and a new revolutionary solution to the sphere of bevelling systems.



## BEVELERS UZ-LINE

**Improve productivity and the complete welding process with UZ auto-feed plate bevelers.**

- Cover a wide range of materials (steel, brass, copper, aluminum, stainless steel).
- Material thickness from 0.12" to 3.15" (3 to 80 mm).
- Double-sided beveling without flipping the plate.
- Precise and accurate machining surface for perfect welding assembly.
- Optional 3D Manipulator allows the machine to "float" on the metal plate.
- Certified for sale in Canada.



### UZ-LINE Automatic Feeding (AUTOFEED)

| Type  | Max. bevel width | Bevel angle                 |
|---|------------------|-----------------------------|
| <b>UZ12 ULTRALIGHT Beveler</b><br>Electric 220V/3 | 12mm (0.47")     | 22.5°, 30°, 37.5°, 45°, 50° |
| <b>UZ15 RAPID Beveler</b><br>Electric 220V/3      | 15mm (0.6")      | 15° - 50°                   |
| <b>UZ18 HARDWORKER Beveler</b><br>Electric 220V/3 | 18mm (0.71")     | 15° - 50°                   |
| <b>UZ29 SPEEDER Beveler</b><br>Electric 220V/3    | 29mm (1.14")     | 22.5°, 30°, 37.5°, 45°, 50° |
| <b>UZ30 EXPRESS Beveler</b><br>Electric 220V/3    | 30mm (1.18")     | 30° - 60°                   |
| <b>UZ50 TRIUMPH Beveler</b><br>Electric 220V/3    | 62mm (2.44")     | 15° - 60°                   |



For product information pm the full range of B-Line and U-Line bevelers and accessories, refer to the Beveler Catalogue.





# SHEET METAL WORK

## NIBBLERS

### FEIN Nibblers - compact, maneuverable and curve-compatible.

Thanks to their compact size, FEIN nibblers are among the most versatile cutting tools available for fast and high performance results.

- Ideally suited to trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets.
- Extremely versatile and curve-compatible.
- FEIN QuickIN rapid change system for rapid, tool-free punch and die changes.
- Optimum power-to-weight ratio.
- E models feature electronic speed control.



BLK 3.5

| ELECTRIC NIBBLERS             |             |                                   |
|-------------------------------|-------------|-----------------------------------|
| With electronic speed control |             |                                   |
| Order #                       | Model       | Description                       |
| 72324260120                   | BLK 1.3 CSE | 18 gauge corrugated 3/64" (1.3mm) |
| 72323860120                   | BLK 1.6 E   | 16 gauge 1/16" (1.6mm)            |
| 72323960120                   | BLK 1.6 LE  | 16 gauge long reach 1/16" (1.6mm) |
| 72324060120                   | BLK 2.0 E   | 14 gauge 5/64" (2.0mm)            |

| ELECTRIC NIBBLERS |         |                                     |
|-------------------|---------|-------------------------------------|
| Order #           | Model   | Description                         |
| 72323012635       | BLK 3.5 | 9 gauge 9/64" (3.5mm)               |
| 72323112634       | BLK 5.0 | 6 gauge 3/16" (5.0mm) with chip bag |



**For cordless nibblers see page 90**



# SHEET METAL WORK



## SHEET METAL SHEARS

### FEIN Shears for maximum cutting performance.

The right choice for those who value the highest cutting performance in sheet metal and stainless steel and are looking for an especially reliable and efficient power tool.

#### FEIN Slitting Shears

- Clean, distortion-free cutting of sheet metal, profiles and pipes.
- Creates just one continuous chip.
- Also suitable for cutoffs and cutouts.
- Electronic speed control.

#### FEIN Sheet Metal Shears

- Indexible cutting blades with four sides for clean and burr-free cutting.
- Good curve precision with low sheet-metal distortion.
- Unrestricted view of the cutting line.
- Electronic speed control.



**BLS 2.5**

#### SLITTING SHEARS

| Order #                                       | Model             | Description   |
|---|-------------------|---|
| <b>72303161090</b>                            | <b>BSS 1.6 E</b>  | 16 gauge slitting shear 1/16" (1.6mm)                             |
| <b>72303261090</b>                            | <b>BSS 1.6 CE</b> | 16 gauge slitting shear 1/16" (1.6mm) with integrated chip cutter |
| <b>Includes:</b> pair of cutting bars, wrench |                   |   |
| <b>72303361090</b>                            | <b>BSS 2.0 E</b>  | 14 gauge slitting shear 5/64" (2.0mm)                             |
| <b>Includes:</b> pair of cutting bars         |                   |   |

#### UNIVERSAL SHEARS

| Order #  | Model            | Description                  |
|--|------------------|------------------------------|
| <b>72303461090</b>                                   | <b>BLS 1.6 E</b> | 16 gauge shear 1/16" (1.6mm) |
| <b>72303561090</b>                                   | <b>BLS 2.5 E</b> | 12 gauge shear 3/32" (2.5mm) |
| <b>Includes:</b> hand guard, handle, set of wrenches |                  |                              |



**For cordless shears see page 90**



## SHEET METAL WORK

### NIBBLERS & SHEARS ACCESSORIES

#### NIBBLER ACCESSORIES

| Order #                               | Description            |
|---------------------------------------|------------------------|
| BLK / ABLK 1.3 CSE                    |                        |
| 30109169009                           | Die - 1 pack           |
| 30109169040                           | Die - 2 pack           |
| 30109169030                           | Set: 5 punches & 1 die |
| ABLK / BLK 1.3 CSE, ABLK / BLK 1.3 TE |                        |
| 63602050000                           | Punch - 1 pack         |
| 63602050030                           | Punch - 5 pack         |
| 63602050010                           | Punch - 10 pack        |
| ABLK / BLK 1.3 TE                     |                        |
| 30109170001                           | Die - 1 pack           |
| 30109170040                           | Die - 2 pack           |
| 30109170030                           | Set: 1 punch & 1 die   |
| ABLK / BLK 1.6 E                      |                        |
| 63602048004                           | Punch - 1 pack         |
| 63602048040                           | Punch - 5 pack         |
| 63602048050                           | Punch - 10 pack        |
| 30109141003                           | Die - 1 pack           |
| 30109141020                           | Die - 2 pack           |
| 30109141030                           | Die - 5 pack           |
| 30109154007                           | Die holder             |
| 63602048013                           | Set: 1 punch & 1 die   |

#### SHEAR ACCESSORIES

| Order #                           | Description                       |
|-----------------------------------|-----------------------------------|
| BSS 1.6 E, BSS 1.6 CE, ABSS 1.6 E |                                   |
| 31308150009                       | Blade for 1.0mm - 1.6mm           |
| 31308151008                       | Blade for curves up to 1.0mm      |
| 31308152001                       | Blade for stainless steel         |
| 31308153014                       | Set of cutting bars for BSS 1.6   |
| 31308153020                       | Set of cutting bars for BSS 1.6 C |
| BSS 2.0 E                         |                                   |
| 31308110003                       | Blade for up to 2.0mm (each)      |
| 31308123008                       | Blade for stainless steel (each)  |
| 31308113009                       | Set of cutting bars               |

#### GENERAL ACCESSORIES

| Order #     | Description   |
|-------------|---------------|
| 33901118010 | Carrying case |
| 32132020129 | Cutting paste |

#### NIBBLER ACCESSORIES

| Order #     | Description               |
|-------------|---------------------------|
| BLK1.6LE    |                           |
| 63602049008 | Punch 1-pack              |
| 31309122005 | Die - 1 pack              |
| BLK 2.0 E   |                           |
| 31309040002 | Die - 1 pack              |
| 63602051009 | Punch - 1 pack            |
| 31309039000 | Support pin               |
| 63602051018 | Set: 1 punch & 1 die      |
| BLK 3.5     |                           |
| 31309093003 | Die                       |
| 31309094001 | Die for stainless steel   |
| 31309097002 | Punch                     |
| 31309098000 | Punch for stainless steel |
| 31309099004 | Spare chip bag            |
| BLK 5.0     |                           |
| 31309107000 | Die                       |
| 31309108008 | Die for thin materials    |
| 31309109002 | Die for profiles          |
| 31309110004 | Punch                     |
| 31309114008 | Spare chip bag            |

#### SHEAR ACCESSORIES

| Order #                          | Description                            |
|----------------------------------|--|
| BLS 1.6 E, ABLB 1.6 E, BLS 2.5 E |  |
| 31308072000                      | Plunger / fixed blade BLS 1.6 (each)   |
| 63601101009                      | Plunger / fixed blade BLS 2.5 E (each) |
| BLS 3.5                          |  |
| 31308146001                      | Plunger blade                          |
| 31308136002                      | Fixed blade                            |
| 31308143006                      | Plunger blade for stainless steel      |
| 31308147005                      | Fixed blade for stainless steel        |
| BLS 4.2                          |  |
| 31308092008                      | Fixed blade                            |
| 31308096007                      | Plunger blade 4.2mm                    |
| 31308098009                      | Plunger blade for stainless steel      |



## SHEET METAL WORK



### NIBBLERS & SHEARS - CAPACITIES

| NIBBLERS  | STEEL          | STAINLESS       | ALUMINIUM           |
|---|----------------|-----------------|---------------------|
| ABLK18 1.3 E<br>ABLK18 1.3 CSE / TE<br>BLK 1.3 CSE / TE   | 1.3 mm         | 0.8 mm          | 2.0 mm              |
|   | .052 / 18 ga.  | .03125 / 21 ga. | .0787 / 14 ga.      |
|   | 3/64"          | 1/32"           | 5/64"               |
| ABLK 1.6 E<br>BLK 1.6 E, BLK 1.6 LE                       | 1.6 mm         | 1.0 mm          | 2.5 mm              |
|   | .062 / 16 ga.  | .0394 / 20 ga.  | .0984 / 13 ga.      |
|   | 1/16"          | .0394 / 20 ga.  | 3/32"               |
| BLK 2.0 E   | 2.0 mm         | 1.5 mm          | 2.5 mm              |
|   | .0787 / 14 ga. | .0591 / 17 ga.  | .0984 / 13 ga.      |
|   | 5/64"          | 3/64"           | 3/32"               |
| BLK 3.5   | 3.5 mm         | 2.3 mm          | 3.5 mm              |
|   | .1378 / 10 ga. | .0906 / 13 ga.  | .1378 / 10 ga.      |
|   | 1/8"           | 3/32"           | 1/8"                |
| BLK 5.0   | 5.0 mm         | 3.3 mm          | 7.0 mm              |
|   | .1968 / 6 ga.  | .1299 / 11 ga.  | .2756 / 7 ga.       |
|   | 3/16"          | 1/8"            | 17/64 .2756 / 7 ga. |
| SHEARS  | STEEL          | STAINLESS *     | ALUMINIUM           |
| ABSS18 1.6 E<br>BSS 1.6 E / CE<br>ABLS18 1.6 E, BLS 1.6 E | 1.6 mm         | 1.2 mm          | 2.0 mm              |
|   | .062 / 16 ga.  | .047 / 19 ga.   | .0787 / 14 ga.      |
|   | 1/16"          | 3/64"           | 5/64"               |
| BSS 2.0 E   | 2.0 mm         | 1.5 mm          | 3.0 mm              |
|   | .0787 / 14 ga. | .0591 / 17 ga.  | .1181 / 12 ga.      |
|   | 5/64"          | 3/64"           | 7/64"               |
| BLS 2.5 E   | 2.5 mm         | 2.0 mm          | 3.0 mm              |
|   | .0984 / 13 ga. | .0787 / 14 ga.  | .1181 / 12 ga.      |
|   | 3/32"          | 5/64"           | 7/64"               |
| BLS 3.5 **  | 3.5 mm         | 3.0 mm          | 4.0 mm              |
|   | .1378 / 10 ga. | .1181 / 12 ga.  | .1575 / 9 ga.       |
|   | 1/8"           | 7/64"           | 5/32"               |
| BLS 4.2 **  | 4.2 mm         | 3.0 mm          | 5.0 mm              |
|   | .1654 / 8 ga.  | .1181 / 12 ga.  | .1968 / 6 ga.       |
|   | 5/32"          | 7/64"           | 3/16"               |

\* All capacities are for stainless 304



# TAPPING

## TAPPERS

### One-step tapping from start to finish with FEIN.

Fast and precise tappers with reversing gear for reduced working times.

- Floating chuck holds taps securely, no slippage.
- Precise tapping, straight accurate holes.
- Reversing gear for automatic reversal of the drill spindle direction, no need to stop and switch gears.
- Rapid reverse speed up to 680 rpm for shorter cycle time.
- Cone mounting for high concentricity of the tapping chuck.
- Metal gear head and barrel-type motor housing with aluminium support.
- Pistol grip for sensitive hold low vibration for comfort and ease.



**GWP 10**



| TAPPER             |  |
|--------------------|--|
| Order #            | Description  |
| <b>72093860090</b> | <b>GWP 10 Variable Speed Tapper 5/16" (no chuck)</b> |
| 63206041008        | Floating jaw chuck                                   |
| 32127005006        | Depth stop   |
| 33901118010        | Carrying case  |



| Model                    | GWP 10     |
|--------------------------|------------|
| Power consumption        | 450 Watts  |
| Load speed when cutting  | 0-450 rpm  |
| Full load torque         | 186 in/lbs |
| Thread in steel up to    | 5/16 in    |
| Cable with plug          | 16 ft      |
| Weight according to EPTA | 3.5 lbs    |

**For cordless tappers see page 87**

## TAPPING / DRILLING



### HOLE SAW / TAPPER

**One system for all hole drilling applications: twist drilling, tapping, countersinking and hole sawing in sheet metal.**

KBH 25-2U hand-held core drill combines the advantages of four drilling applications into a single system. Its innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

- 2-speed metal core drilling system for universal core and twist bit use.
- Ideal for universal use due to manually switched second gear for core drilling in metal, hole sawing in sheet metal, twist drilling, tapping and countersinking.
- Safety slip clutch.
- Powerful for high cutting speed.
- Forward/reverse rotation and speed adjustment.
- Optimal functionality due to low feed pressure.
- Tool-free accessory changes.



**Tapping**



**Twist Drilling**

| ACCESSORIES FOR KBH 25         | Order #     |
|--------------------------------|-------------|
| Chip guard                     | 32174013010 |
| Extension QIP 4" (100mm)       | 63106017010 |
| Pilot bit                      | 63114038010 |
| Pilot bit 5-PACK               | 63114038020 |
| 3-jaw rigid tapping chuck 1/2" | 63206018010 |
| Adaptor QIP for B16            | 63901047000 |
| Keyless jaw chuck              | 63901054010 |
| Keyed jaw chuck 1/2"           | 63202030015 |

| Model  | KBH 25-2U   |               |
|--|-------------|---------------|
| Order #  | 72710361090 |               |
| Hole Ø steel / stainless carbide core bit  | in (mm)     | 1" (25)       |
| Hole Ø light metal & aluminium carbide core bit  | in (mm)     | 13/16" (30)   |
| Carbide core bit max. drilling depth   | in (mm)     | 13/16" (20)   |
| Hole Ø steel / stainless steel carbide hole saw  | in (mm)     | 3 1/8" (80)   |
| Carbide hole saw max. drilling depth   | in (mm)     | 3/16" (4)     |
| Hole Ø steel / stainless steel twist bit   | in (mm)     | 5/8" (16)     |
| Tap size max.  | in          | 1/2"          |
| Countersinking max. Ø  | in (mm)     | 1 1/4" (31)   |
| Power consumption  | Watts       | 1,200         |
| Output   | Watts       | 680           |
| Load speed:  |             |               |
| Pilot hole drilling  | rpm         | 0 - 1,600     |
| 1st speed (core drilling)  |             | 0 - 520       |
| 2nd speed (twist drilling)   |             | 0 - 1,600     |
| Corner clearance   | in (mm)     | 1 1/16" (27)  |
| Collar Ø   | in (mm)     | 1 11/16" (43) |
| Cable with plug  | ft (m)      | 13 (4)        |
| Weight EPTA  | lbs (kg)    | 7 1/4" (3.3)  |
| <b>Includes:</b> pilot bit, side handle, rapid action chuck, tapping chuck, cutting spray, plastic carrying case |             |               |



# DRILLING

## HAND DRILLS

**Made for metal. Robust FEIN drills are able to handle heavy loads.**

FEIN BOP hand drills feature a powerful barrel design, metal gear heads and fast-acting keyless 3-jaw chucks.

- BOP 10-2 universal two-speed power drill with 3/8" capacity and ideal speed ranges for steel and stainless steel.
- Mechanical two-speed gearbox with optimum speed adjustment for a wide range of uses.
- FEIN high performance motor with excellent speed stability for steady drilling.



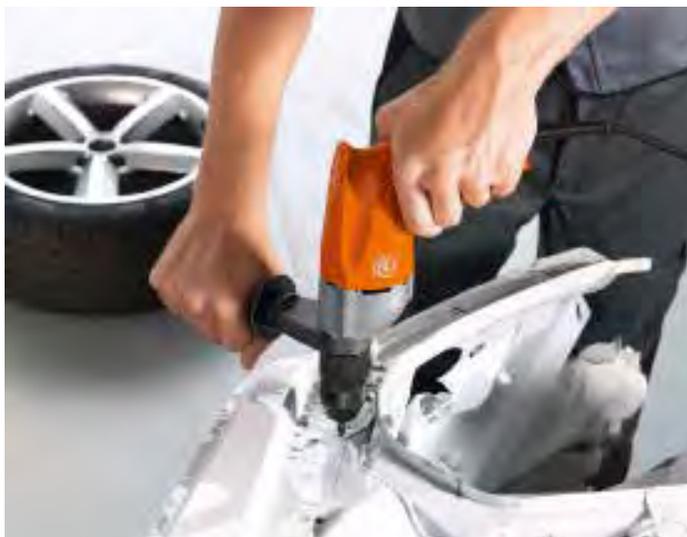
**BOP 10-2**

### ELECTRIC PISTOL-GRIP DRILLS

| Order #            | Model           | Description                                | RPM - Full Load     |
|--------------------|-----------------|--|---------------------|
| <b>72055560090</b> | <b>BOP 13-2</b> | 1/2" Two-speed Reversing Drill             | 0 - 440 / 0 - 1,300 |
| <b>72054551070</b> | <b>BOP 10-2</b> | 3/8 / 5/16" Variable Speed Reversing Drill | 0 - 460 / 0 - 1,350 |

**Includes:** handle, carrying case

Drills with B12 / B16 tapered spindles are standard with keyless chucks; pricing includes factory mounted keyless chuck.



### DRILL ACCESSORIES

| Order #     | Description                |
|-------------|----------------------------|
| 63204021004 | Keyless chuck 3/8" B12     |
| 63204016007 | Keyless chuck 3/8" B16     |
| 63204017001 | Keyless chuck 1/2" B16     |
| 63204025003 | Keyless chuck 5/8" B16     |
| 63202030015 | 3-jaw chuck 1/2" B16       |
| 63202037010 | 3-jaw chuck 5/8" B16       |
| 62914002005 | Key for 1/2" & 3/8" chucks |
| 62914004007 | Key for 5/8" chuck         |



### DRILL JIG / BALANCERS

#### Professional quality portable drill jig.

For use in combination with hand drills; electric, cordless, or pneumatic.

- Industrial precision with base plate slotted for welding tables.
- Gravity-fed cooling system with flex joint hose.

**SPECIAL ORDER**



| IBS DRILL JIG      |                               |
|--------------------|-------------------------------|
| Order #            | Description                   |
| <b>90320223000</b> | <b>IBS 16 Drill Jig</b>       |
| 90701002010        | 4" Prism vice                 |
| 32422326010        | Adaptor plate                 |
| 64131019010        | Mounting kit prism vice       |
| 32623014010        | Reducing sleeve Ø 53 to 43 mm |

#### FEIN Balancers increase ease of use and operating safety.

FEIN Balancers increase operating convenience and safety when working with power tools and heavy power driven equipment. To help plan and improve the work space, tools are suspended making them "weightless" and free to move. Tools are readily at hand and the work area is tidy, safe and efficient.

- Small size.
- Constant force.
- Easy adjustment.
- Tools become "weightless".
- Equipment and tools are always ready at hand, for a tidy work area.
- Suspending tools and cables increases work area safety.
- Equipment is in sight and reach of the operator.
- Weight compensation can be adjusted for optimum balance over the entire length of the cable extension.



| BALANCERS   |            |             |
|-------------|------------|-------------|
| Order #     | Kgs.       | Lbs.        |
| 90801023001 | 1.5 - 2.5  | 3.3 - 5.5   |
| 90801024009 | 1 - 3      | 2.2 - 6.6   |
| 90801025003 | 2.5 - 5    | 5.5 - 11    |
| 90801035002 | 3 - 6      | 6.5 - 13    |
| 90801026006 | 3.5 - 6.5  | 7.7 - 14.3  |
| 90801027000 | 4.5 - 9    | 10 - 20     |
| 90801028008 | 7.5 - 11.5 | 16.5 - 25.4 |
| 90801029002 | 10 - 14    | 22 - 31     |
| 90801030004 | 13.5 - 17  | 29.7 - 37.4 |
| 90801048006 | 13 - 25    | 28.5 - 55   |
| 90801049000 | 22 - 32    | 48.5 - 70.5 |
| 90801050002 | 30 - 45    | 66 - 99     |
| 90801051001 | 45 - 60    | 99 - 132.30 |





**SPECIALTY**

**WELDING POSITIONERS**

**Increase weld productivity and improve weld quality with Roto-Star welding positioners.**

- Equipped with surface plates that add versatility when welding irregular shapes and materials.
- Machined from solid aluminum, these plates provide a quality work surface suitable for most welding applications.



**SPECIAL ORDER**

**ROTO-STAR WELDING POSITIONERS**

| Order #     | Description  |
|-------------|--|
| 31343790030 | <b>ROTO-STAR I</b> with 6" chuck, standard foot pedal and control box            |
| 31343790130 | <b>ROTO-STAR I</b> with 6" chuck, variable speed foot pedal and control box      |
| 31343790090 | <b>ROTO-STAR I-P</b> with 12" plate, standard foot pedal and control box         |
| 31343790120 | <b>ROTO-STAR I-P</b> with 12" plate, variable speed foot pedal and control box   |
| 31343790140 | <b>ROTO-STAR III</b> with 8" chuck, standard foot pedal and control box          |
| 31343790260 | <b>ROTO-STAR III</b> with 8" chuck, variable speed foot pedal and control box    |
| 31343790210 | <b>ROTO-STAR III-P</b> with 16" plate, standard foot pedal and control box       |
| 31343790250 | <b>ROTO-STAR III-P</b> with 16" plate, variable speed foot pedal and control box |

**ACCESSORIES**

|             |                                   |
|-------------|-----------------------------------|
| 31343710090 | Purge plug                        |
| 31343710010 | 12" surface plate for Roto-Star 1 |
| 31343710030 | 16" surface plate for Roto-Star 3 |
| 31343790010 | Idler roller assembly             |
| 31343710060 | Arm rest                          |



| Models 120V **               | ROTO-STAR I | ROTO-STAR III | ROTO-STAR I-P | ROTO-STAR III-P |
|------------------------------|-------------|---------------|---------------|-----------------|
| Chuck                        | 6"          | 8"            | -             | -               |
| Fixed rotary table dia.      |             |               | 12"           | 16"             |
| Optional rotary table dia.   | 12"         | 16"           |               |                 |
| Rotation at 0° (max.)        | 16"         | 20"           | 16"           | 20"             |
| Vertical carrying capacity   | 200 lbs.    | 250 lbs.      | 200 lbs.      | 250 lbs.        |
| Horizontal carrying capacity | 100 lbs.    | 150 lbs.      | 100 lbs.      | 150 lbs.        |
| Internal chuck diameter      | 1½"         | 2½"           | 1½"           | 2½"             |
| Spindle speed RPM            | 0 to 10     | 0 to 8        | 0 to 10       | 0 to 8          |
| Tilt adjustment*             | 0 to 90°    | 0 to 90°      | 0 to 90°      | 0 to 90°        |
| Grounding capacity           | 300A        | 300A          | 300A          | 300A            |
| Weight                       | 60 lbs.     | 90 lbs.       | 45 lbs.       | 65 lbs.         |

\* Adjusts in 15° increments

\*\* Available in 220V single phase



## HIGH-FREQUENCY / PIPE MILLING

### High-frequency grinders from FEIN for tough and continuous use.

As one of the first and world's leading manufacturers of high-frequency power tools, FEIN has produced durable, powerful and usage-focused grinders for industry and manual trades since 1953.

Designed for demanding and continuous use, for example in foundries, steel or shipbuilding. From small compact angle grinders to extremely powerful and large angle grinders to a wide range of straight grinders, the FEIN high-frequency range is the answer to challenging applications.



### FEIN Pipe Milling Machines Quick assembly, precise results.

The new FEIN high-performance RSG/RDG 1500 pipe milling tool makes the process of cutting pipe before laying it, and even cutting pipe that has already been laid, even more precise and efficient. Its light weight makes the tool easy to set up.

New cutting technology allows the RSG/RDG 1500 to make straight clean cuts. Perfect for processing cast pipes or steel pipes for oil, gas, and water lines such as those used in pipelines, public supply networks, power plants, process engineering systems and tank construction.





# CORDLESS WORLD

## FEIN CORDLESS OVERVIEW

**12 V and 18 V product lines, high performance tools made for metal.**

Enter the FEIN cordless world. Filled with mag drills, tappers, angle grinders, die grinders, nibblers, sheet metal shears, drill-drivers, impact wrenches, hammer drills, screwdrivers and oscillating tools. This well-rounded, flexible cordless platform offers you high performance tools for metalworking and fastening applications.

FEIN high quality batteries and smart chargers provide reliability and long service life. And the wide selection of FEIN and VersaDrive drilling accessories expands your application possibilities even further.





# FEIN BATTERIES

## FEIN Rechargeable Li-ion Batteries with charge indicator

### Advantages

- Long service life due to high-quality cells.
- FEIN SafetyCell Technology for protection of battery and tool from overload, overheating and deep discharge.
- Parallel connection of the cells increase the capacity and efficiency.
- No memory effect, battery can be charged at any time.
- Practically no self-discharge, charged battery packs remain charged for months.
- Charge indicator on each battery shows the user what stage of charge the battery is at.
- High amperage for sustained excellence while working with high speed stability.

\* **Fully compatible** HighPower battery can be used with all FEIN 18V cordless tools with high-current-capable cells.



Battery Starter Set



| Description  | Voltage | Capacity           | Order #     |
|--|---------|--------------------|-------------|
| <b>BATTERY STARTER SETS</b><br>2 batteries with ALG 80 charger | 18V     | 5.2 Ah HighPower * | 92604320010 |
|  | 18V     | 6 Ah               | 92604314090 |
|  | 18V     | 3 Ah               | 92604315090 |
|  | 12V     | 6 Ah               | 92604327090 |
|  | 12V     | 3 Ah               | 92604326090 |
| <b>BATTERIES</b>   | 18V     | 5.2 Ah HighPower * | 92604179020 |
|  | 18V     | 6 Ah               | 92604175020 |
|  | 18V     | 3 Ah               | 92604182020 |
|  | 12V     | 6 Ah               | 92604184020 |
|  | 12V     | 3 Ah               | 92604183020 |



## MultiVolt Interface

FEIN cordless with MultiVolt interface can be operated with all FEIN Li-ion batteries from 12 to 18 V. When using batteries with lower output, the output is adapted to the cordless tool.

### FEIN tools with MultiVolt interface:

- ▶ Cordless drill/drivers
- ▶ Cordless impact wrenches
- ▶ Cordless angle grinders
- ▶ Cordless die grinders
- ▶ Cordless nibblers
- ▶ Cordless sheet metal shears
- ▶ Cordless sheet metal slitting shears
- ▶ Cordless MultiMaster MM700



CORDLESS WORLD

FEIN BATTERIES

**FEIN Smart Chargers for Li-ion batteries**

- Intelligent communication between battery (single cell control) and charging station guarantees a very long battery service life.
- Rapid charger.
- Powerful mains adaptor and charges according to battery with high charging currents.

**Compact USB battery adaptor** for mobile charging of smartphone, tablet etc. 2 high-speed USB charging ports for fast charging with 2 x 1.2 amps.

Suitable for iOS and Android. Compatible with all 12/14/18 V FEIN Li-ion batteries.

**ALG 80 \***

The FEIN ALG 80 is a rapid charger with 8A charging current for short charging times.

- 100% compatible with all FEIN Li-Ion 10.8 to 18 volt batteries.
- Large led display gives you a clear view of the charging level.
- Quick but gentle battery charging achieved by Constant Current Constant Voltage (CCCV) charging process: 80% of capacity is charged at the maximum charging current and the remaining 20% at constant voltage and a lower charging current.
- USB connection for charging of devices like smart phones and tablets.
- Robust design for construction site use.



| Description                         | Model  | Order #     |
|-------------------------------------|--------|-------------|
| <b>CHARGERS</b>                     | ALG 80 | 92604188010 |
| <b>USB ADAPTOR / CHARGER - Dual</b> |        | 92604201010 |

- \* Charge times  
(80% of max. capacity)
- 12 and 18V / 3Ah: 31 min
  - 12 and 18V / 6Ah: 38 min
  - 18V / 5.2Ah: 33 min

**My.FEIN App**

Once downloaded from Google play store (Android) or the App Store (iPhone) and the App is set up on your smart device, you will be able to:

- Manage you registered tools at a glance.
- See all FEIN tools registered for the 3YG warranty plus convenient registration via type plate scanner.



**CORDLESS WORLD**



**18V CORDLESS MAG DRILL / TAPPER**

**Versatile 18 volt line, unbeatable in metal!**

**Cordless Magnetic Drill AJMU137 PMQW: total freedom, flexible and versatile.**

Small and powerful, this cordless universal magnetic core drill meets the highest quality standards. Equipped with all the features of the corded JMU137 MQW, the AJMU137 PMQW provides maximum function for any type of work on a construction site. All that, with the mobility and freedom that a cordless tool brings.

- Brushless FEIN PowerDrive motor with tacho electronics.
- FEIN HighPower Li-ion battery to ensure sustained work progress.
- MT2 tool mount.

**For full specifications on the AJMU137 PMQW, see page 11 in the Core Drilling section.**



**Cordless 18V Magnetic Drill**

| Model #             | Description                              | SELECT*<br>Order # | BASIC SET<br>Order # |
|---------------------|--|--------------------|----------------------|
| <b>AJMU137 PMQW</b> | <b>Cordless 18V Universal Core Drill</b> | <b>71700262090</b> | <b>71700261090</b>   |

**BASIC SET contains:** 2 HighPower Li-ion batteries 5.2 Ah, rapid charger ALG 80, coolant pump, 2 centering pins, touch guard, safety strap, drift, chip hook, case

**FEIN Cordless 18V Tapper AGWP 10  
One-step tapping from start to finish.**

- Fast and precise with reversing gear for reduced work times.
- Outstanding precision, straight and accurate
- Ergonomic grip with low vibration for fatigue-free work.



**Cordless 18V Tapper**

| Model #        | Description                              | RPM - Full Load | SELECT*<br>Order # |
|----------------|--|-----------------|--------------------|
| <b>AGWP 10</b> | <b>5/16" Tapper</b> (chuck not included) | 0-440 / 0-670   | <b>71090162090</b> |
|                | Floating jaw chuck                       |                 | 63206041008        |
|                | Depth stop                               |                 | 32127005006        |

**\* SELECT tools are bare tools, no batteries or charger.**



CORDLESS WORLD

18V CORDLESS ANGLE GRINDERS

**FEIN 18V  
POWER**



**To exceed your expectations!  
Low maintenance, less downtime.**

**Cordless Angle Grinders Powerful and compact with  
dust resistant fully-encapsulated motors.**

- Brushless FEIN PowerDrive motors - protected from dust.
- For effective cutting, grinding and deburring work in assembly jobs.
- Very smooth running and low-vibration due to vibration-dampening design.
- Ideal for a variety of applications and materials.
- Fatigue-free working thanks to narrow grip dimensions.
- Compact design and a well-balanced low weight.

FEIN MultiVolt capable - angle grinders can be operated with all FEIN Li-ion batteries (12 to 18 V). For optimum battery life and performance, FEIN HighPower 5.2 Ah Li-ion is recommended.



| Model #                                    | Size | Switch Style    | No load speed RPM  | SELECT Order # | BASIC Order # |
|--|------|-----------------|--------------------|----------------|---------------|
| <b>Cordless 18V Angle Grinders</b>         |      |                 |                    |                |               |
| CCG 18-115 BL                              | 4½"  | Sliding lock-on | 2,500 to 8,500 RPM | 71200162090    | 71200161090   |
| CCG 18-125 BL                              | 5"   | Sliding lock-on |                    | 71200262090    | 71200261090   |
| CCG 18-115 BLPD                            | 4½"  | Paddle-deadman  |                    | 71200362090    | 71200361090   |
| CCG 18-125 BLPD                            | 5"   | Paddle-deadman  |                    | 71200462090    | 71200461090   |
| 5/8-11 quick-change tool-free clamping nut |      |                 |                    |                | 63802192010   |

SELECT includes: Guard, quick-action clamping nut, anti-vibration handle, wrench, case.

BASIC includes: 2 Li-ion HighPower batteries 5.2 Ah, charger ALG 80, guard, quick-action clamping nut, anti-vibration handle, wrench, case.



**18V CORDLESS DIE GRINDERS**

**For effective cutting, grinding, deburring and milling work.**

**Cordless Die Grinders**

- Work in difficult to access areas.
- Brushless FEIN PowerDrive motors.
- Dust-resistant, powerful and compact.
- Very smooth running and low-vibration due to vibration-dampening design.
- Fatigue-free working thanks to narrow grip dimensions.
- Innovative collets with all-round flange to protect the workpiece.
- Bright working area thanks to integrated LED light.

FEIN MultiVolt capable: die grinders can be operated with all FEIN Li-ion batteries (12 to 18V).



| Model #                          | Description                  | No load speed RPM | SELECT* Order #    | BASIC Order #      |
|----------------------------------|------------------------------|-------------------|--------------------|--------------------|
| <b>Cordless 18V Die Grinders</b> |                              |                   |                    |                    |
| <b>AGSZ 18-280 BL</b>            | Ergonomic shape              | 9,000 - 28,000    | <b>71230162090</b> | <b>71230161090</b> |
| <b>AGSZ 18-280 LBL</b>           | Long for large plunge depths | 9,000 - 28,000    | <b>71230262090</b> | <b>71230261090</b> |
| <b>AGSZ 18-90 LBL</b>            | Slow-speed for polishing     | 2,900 - 9,000     | <b>71230362090</b> | <b>71230361090</b> |

**\* SELECT tools are bare tools, no batteries or charger.**

**See page 61 for die grinder collets**

| <b>Guards for Cordless Angle Grinders</b> |      |                                  |
|---|------|----------------------------------|
| Order #                                   | Size | For                              |
| 31810299000                               | 4½"  | CCG 18-115 BL<br>CCG 18-115 BLPD |
| 31810300000                               | 5"   | CCG 18-125 BL<br>CCG 18-125 BLPD |



For FEIN high performance abrasives, see the FEIN Abrasives section, page 120.



# CORDLESS WORLD

## 18V CORDLESS NIBBLERS / SHEARS

**Versatile 18 volt line, unbeatable in metal!**

### FEIN Cordless 18V Nibblers

FEIN Nibblers are the tools of choice for jobs entailing particularly difficult, precise cuts.

- Extremely versatile and curve-compatible.
- Ideal for trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets.
- Comfortable and lightweight for effortless manoevrability.

### FEIN Cordless 18V Shears

The right choice for those who values the highest cutting performance in sheet metal and stainless steel.

- Comfortable and easy to use.
- Provide clean, distortion-free cutting of sheet metal, profiles and pipes – with just one continuous chip.



ABLK 18 1.6 E

For blades and accessories see page 76.

| Model #                      | Description                                 | SELECT* Order # |
|------------------------------|---|-----------------|
| <b>Cordless 18V Nibblers</b> |   |                 |
| ABLK 18 1.6 E                | 16 gauge Universal Nibbler 1/16" (1.6 mm)   | 71320461090     |
| ABLK 18 1.3 TE               | 18 gauge Trapezoidal Nibbler 3/64" (1.3 mm) | 71320661000     |
| ABLK 18 1.3 CSE              | 18 gauge Corrugated Nibbler 3/64" (1.3 mm)  | 71320561090     |
| <b>Cordless 18V Shears</b>   |   |                 |
| ABLS 18 1.6 E                | 16 gauge Sheet Metal Shears 1/16" (1.6 mm)  | 71300461090     |
| ABSS 18 1.6 E                | 16 gauge Slitting Shears 1/16" (1.6 mm)     | 71300361090     |

\* SELECT tools are bare tools, no batteries or charger.

ABLK 18 1.6 E



ABLS 18 1.6 E



ABSS 18 1.6 E



# CORDLESS WORLD



## 18V CORDLESS OSCILLATING TOOLS

**FEIN 18V Cordless multitools, innovative high performance oscillating tool systems and proven by professionals around the world.**

- Starlock snap-fit mount and QuickIN tool-free release lever.
- Patented anti-vibration system.
- FEIN PowerDrive motors with tacho-generator and quality electronics for constant speed under load.
- Extremely extensive accessory range to cover every need.



AMM 500

**Cordless 18V MultiMaster**  
 Universal use in interior construction and renovation for impeccable quality. Suitable for Starlock and StarlockPlus accessories.

| Model #        | Description                      | SELECT*<br>Order # | TOP SET<br>Order # |
|----------------|----------------------------------|--------------------|--------------------|
| <b>AMM 500</b> | MultiMaster 18V Oscillating Tool | <b>71293362090</b> | <b>71293361090</b> |

**TOP SET contains:** AMM 500 tool, backing pad, 20 perforated sanding sheet (5 ea. grits 60/ 80/120/180), rigid scraper blade, carbide rasp, carbide segment saw blade, 3 E-Cut Long-Life saw blades (10, 35 & 65 mm), E-Cut CarbidePro saw blade (32 mm), anti-static dust extraction device, 2 Li-ion batteries 3 Ah, rapid charger ALG 80, plastic carrying case

**Cordless 18V MultiMaster-Construction**  
 The highest performance system, indispensable in industries that require special application solutions as well as maximum power and service life. Suitable for Starlock, StarlockPlus and StarlockMax accessories.

| Model #            | Description                      | SELECT*<br>Order # | TOP SET<br>Order # |
|--------------------|----------------------------------|--------------------|--------------------|
| <b>AMM 700 MAX</b> | MultiMaster 18V Oscillating Tool | <b>71293462090</b> | <b>71293461090</b> |

**TOP SET contains:** AMM 700 MAX tool, backing pad, 40 sanding sheet (10 ea. grits 60/80/120/180), rigid scraper blade, carbide rasp, carbide segment saw blade, HSS segment saw blade, mushroom-shaped cutting blade, multi-knife, 4 E-Cut Long-Life saw blades (10, 35, 32, 42 mm), 2 E-Cut standard saw blades (35, 65 mm), 2 E-Cut Precision saw blades (35 & 65 mm), E-Cut CarbidePro saw blade (32 mm), anti-static dust extraction device, 2 Li-ion batteries 3 Ah, rapid charger ALG 80, plastic carrying case

**\* SELECT tools are bare tools, no batteries or charger.**



**Download the FEIN oscillating brochure**  
 Extensive range of FEIN oscillating blades and accessories  
 Full line of FEIN oscillating tools and sets



# CORDLESS WORLD

## 18V CORDLESS IMPACT WRENCHES

**Made for Metal - Drill, tap, ream and fasten with one tool.**

**FEIN Cordless 3/4" Impact Wrench ASCD 18-1000 W34**

- Repeatable consistent torque.
- Screw connections from 1/2" to 1 1/16".
- Brushless PowerDrive motor.
- 6-stage electronic torque setting to prevent screw heads from being torn off.
- MultiVolt interface.



| Cordless 18V Impact Wrench |                                 | RPM No Load | SELECT* Order #    |
|----------------------------|---------------------------------|-------------|--------------------|
| Model #                    | Description                     |             |                    |
| ASCD 18-1000 W34           | Cordless 18V Impact wrench 3/4" | 0 - 1,800   | <b>71150864090</b> |
|                            | Reduction adaptor 3/4" to 1/2"  |             | 62415002010        |

**Highly versatile, ready for extended operation.**

**Cordless Impact Wrenches 1/2" & 1/4" ASCD 18-300 W2 & ASCD 18-200 W4**

- 6-stage electronic torque setting to prevent screw heads from being torn off.
- Brushless FEIN PowerDrive motor.
- Tightening and unscrewing screws up to size 3/4" (M18).



| Cordless 18V Impact Wrenches |                                 | RPM No Load | SELECT* Order #    | BASIC SET Order #  |
|------------------------------|---------------------------------|-------------|--------------------|--------------------|
| Model #                      | Description                     |             |                    |                    |
| ASCD 18-300 W2               | Impact wrench 1/2" square drive | 0 - 1,700   | <b>71150664090</b> | <b>71150661090</b> |
| ASCD 18-200 W4               | Impact wrench 1/4" internal hex | 0 - 1,500   | <b>71150764090</b> | <b>71150761090</b> |

**\* SELECT tools are bare tools, no batteries or charger.**



**CORDLESS WORLD**



**18V CORDLESS HAMMER DRILL / SCREWDRIVER**

**Extremely light for tireless work.**

**FEIN Cordless Rotary Hammer Drill ABH 18**

Extremely compact and powerful SDS-PLUS cordless rotary hammer drill.

- Combination hammer with three functions: hammer drilling, drilling and chiselling.
- impact energy of 2 J for drilling up to 13/16" (20 mm) in concrete.
- Brushless motor with high impact energy for rapid work progress.
- Low vibration and low dust production.



| Cordless 18V Rotary Hammer Drill                                  |                              | SELECT*<br>Order # |
|---|------------------------------|--------------------|
| Model #   | Description                  |                    |
| ABH 18  | Rotary hammer drill SDS-Plus | 71400164090        |
| Dust extraction device for wet/dry vacuum - fits 1 3/8" dia. hose |                              | 92602101010        |

**For safe, flawless driving of self-drilling and thread-cutting screws.**

**FEIN cordless 18V metal 1/4" screwdriver ASCS 6.3**

- For use in roofing and facade construction as well as HVAC.
- Speed-optimized for fastenings in metal up to 1/4" diameter.
- Fully encapsulated and dustproof brushless FEIN PowerDrive motor.



| Cordless 18V Screwdriver |                        |                |                  | SELECT*<br>Order # |
|--------------------------|------------------------|----------------|------------------|--------------------|
| Model #                  | Description            | RPM<br>No Load | RPM<br>Full Load |                    |
| ASCS 6.3                 | 1/4" metal screwdriver | 0-1,700        | 0-1,500          | 71131163090        |

**\* SELECT tools are bare tools, no batteries or charger.**





# CORDLESS WORLD

## 18V CORDLESS DRILL-DRIVERS

### ABS

#### Cordless 2-speed Drill-Driver ABS 18 Q

- Two-speed gearbox is completely dustproof, and brushless motor is 30% more efficient for maximum durability.
- 900 screw connections with one battery charge (3 Ah).
- Includes QuickIN solid metal drill chuck.
- MultiVolt interface.

### ASB

#### Cordless 2-speed Hammer Drill-Driver ASB 18 Q

- Perfectly suited to drilling up to 3/8" (10 mm) in metal, stone and masonry.
- Solid metal gearbox with switchable striking mechanism.
- Mechanical torque setting and compact design.
- 900 screw connections (5 x 40 mm) with one battery charge (3 Ah).
- Includes QuickIN solid metal drill chuck.
- MultiVolt interface.



| Model #                                 | Description                      | SELECT*<br>Order # | BASIC SET<br>Order # |
|---|----------------------------------|--------------------|----------------------|
| <b>Cordless 18V Drill-Driver</b>        |                                  |                    |                      |
| ABS 18 Q                                | 2-speed drill driver 1/2"        | 71132264000        | 71132262090          |
| <b>Cordless 18V Hammer Drill-Driver</b> |                                  |                    |                      |
| ASB 18 Q                                | 2-speed hammer drill-driver 3/8" | 71132364000        | 71132362090          |

\* SELECT tools are bare tools, no batteries or charger.



**CORDLESS WORLD**



**18V CORDLESS DRILL-DRIVERS**

**ASCM 18 QM: The wHOLE drilling system  
Designed for high performance work in metal.**

**Tap, fasten, twist bit drill, core drill - all with the same tool and a fast and simple adaptor change.**

**Cordless 4-speed Drill-Driver ASCM 18 QM up to 1/2"**  
Fully adaptable cordless system goes beyond just drilling and fastening.

- Quick changeovers between drilling, tapping, screwdriving and fastening.
- FEIN brushless high-power motor 30% more efficient and completely dustproof for maximum durability.
- FEIN QuickIN-Max Interface for tool-free adaptor changes
- 2,200 screw connections with one battery charge (6 Ah), 3/16" x 1 9/16" (5 x 40mm) in wood.
- Well-suited to drilling large diameters.

**ASCM 18 QSW Cordless 4-speed Drill-Driver**

- 4-speed solid metal gearbox with speeds up to 2,500 RPM
- Ideal for universal drilling and bolt tightening
- Smaller capacity in steel, wood and tapping.
- Smaller in size and lighter in weight.

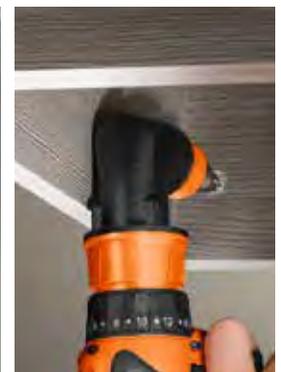


**ASCM 18 QM**  
400 / 800 / 1,950 / 3,850 rpm

**ASCM 18 QSW**  
400 / 700 / 1,400 / 2,500 rpm

| Model #  | Description          | SELECT*<br>Order # | BASIC SET<br>Order # |
|--|----------------------|--------------------|----------------------|
| <b>Cordless 18V Drill-Drivers</b>                  |                      |                    |                      |
| ASCM 18 QM   | 4-speed drill-driver | <b>71161164090</b> | <b>71161161090</b>   |
| ASCM 18 QSW  | 4-speed drill-driver | <b>71161264090</b> | -                    |
| Both models have FEIN MultiVolt battery capability |                      |                    |                      |

**\* SELECT tools are bare tools, no batteries or charger.**





CORDLESS WORLD

12V CORDLESS TOOLS

**FEIN 12 volt drivers - as powerful as they are fast.**

**FEIN Cordless 12V 4-speed Drill-Driver ASCM 12 Q**

- Significantly better drilling, tapping, screwdriving and fastening in metal.
- 4 gears always provide the correct speed for the hole diameter and material.
- Battery, electronics and motor interact perfectly for optimum working speeds.
- FEIN PowerDrive brushless motor.

**FEIN Cordless 12V Screwdrivers ABSU 12 W4C**

- Compact cordless 2-speed screwdriver with outstanding ergonomics and extremely short design.
- Ideal choice for a large variety of screwing tasks in a wide range of materials.

**FEIN Cordless 12V Impact Driver ASCD 12-100 W4C**

- Short and light cordless impact wrench/driver with slim design.
- Powerful torque and long-life DC motor.



| Model #                                  | Description                           | SELECT*<br>Order # | BASIC SET<br>Order # |
|--|---------------------------------------|--------------------|----------------------|
| <b>Cordless 12V Drill-Driver</b>         |                                       |                    |                      |
| ASCM 12 Q                                | 4-speed drill-driver                  | 71161064090        | 71161061090          |
| <b>Cordless 12V Screwdriver</b>          |                                       |                    |                      |
| ABSU 12 W4C                              | 2-speed screwdriver 1/4" internal hex | 71132164000        | 71132161090          |
| <b>Cordless 12V Impact Wrench/Driver</b> |                                       |                    |                      |
| ASCD 12-100 W4C                          | Impact driver 1/4" internal hex       | 71150364090        | 71150361090          |

\* SELECT tools are bare tools, no batteries or charger.





**12V CORDLESS TOOLS**

**FEIN 12V Oscillating multitool**

Optimum functionality with the universal cordless oscillating tool system for interior construction and renovation.

- Unique patented anti-vibration system for maximum user comfort.
- Fast cutting speed and precise results.
- Starlock Starlock snap-fit mounting system.
- Quick release lever.
- Robust metal drive head and gearbox.
- Made in Germany.
- Suitable for all Starlock and StarlockPlus accessories.



| Model #  | Description                   | SELECT Order # |
|--|-------------------------------|----------------|
| <b>Cordless 12V Oscillating multitool</b>  |                               |                |
| AMM 300  | Cordless 12V MultiMaster Tool | 71293262090    |
| includes: AMM300 tool, E-Cut universal saw blade (44 mm) and plastic carrying case |                               |                |



**Download the FEIN oscillating brochure**

Extensive range of FEIN oscillating blades and accessories

Full line of FEIN oscillating tools and sets

**FEIN MultiMaster AMM 300 SELECT**





# CORDLESS WORLD

## FEIN QUICKIN DRILLING ACCESSORIES

### QuickIN for fast tool-free accessory changes.

#### Extensive QuickIN accessories

The FEIN QuickIN accessories enable fast, tool-free changeover between drilling, tapping, screwdriving and fastening in metal. The attachments are matched optimally to the respective task and work more reliably and practically than conventional solutions.

Suitable for: **ASCM 18 QM, ASCM 18 QSW, ABS 18 Q, ASB 18 Q, ASCM 12 Q**

### QuickIN Accessory Set

For efficient metalworking.

- Contains:
- 1 bit holder 1/4"
- 1 tapping adaptor
- 1 socket adaptor 1/2"



Order #  
64203017020

### SKE core bit hole saw adaptor

Self-tightening. Prevents spinning of twist drills and tappers, capacity 1.5-13mm.

Order #  
64203006010



### Drill chuck

Maximum torque 530 in/lbs (60 Nm), capacity 1.5 to 13mm.

Order #  
63208002010



### Angle head

For drilling, tapping and screwdriving.

Order #  
64203008010



### Hole saw adaptor / KBH core bit

For drilling large holes in metal. Diameters up to 40mm.

Order #  
64203007010



### 1/2" socket adaptor

Square drive.

Order #  
64203002010



### Drill chuck

Maximum torque 1,062 in/lbs (120 Nm), capacity 1.5 to 13mm.

Order #  
63208005010



### Socket bit holder

1/4" hexagon.

Order #  
60510222010



Speed recommendation for  
ASCM (under load)  
ASCM with QuickIN Plus chuck  
according to diameter

| Dia.<br>in | RPM              |                    |
|------------|------------------|--------------------|
|            | Constr.<br>steel | Stainless<br>steel |
| 9/16"      | 910 - 1,360      | 450 - 1,150        |
| 5/8"       | 790 - 1,200      | 400 - 1,000        |
| 11/16"     | 750 - 1,130      | 370 - 930          |
| 3/4"       | 670 - 1,000      | 330 - 840          |
| 13/16"     | 630 - 950        | 320 - 800          |
| 7/8"       | 580 - 870        | 290 - 720          |
| 15/16"     | 530 - 800        | 270 - 660          |
| 1"         | 510 - 760        | 260 - 640          |
| 1 1/16"    | 470 - 710        | 240 - 590          |
| 1 1/8"     | 440 - 660        | 220 - 550          |
| 1 3/16"    | 425 - 635        | 210 - 530          |
| 1 1/4"     | 400 - 600        | 200 - 500          |
| 1 5/16"    | 385 - 580        | 195 - 480          |
| 1 3/8"     | 375 - 560        | 185 - 470          |
| 1 7/16"    | 355 - 530        | 175 - 440          |
| 1 1/2"     | 335 - 505        | 170 - 420          |
| 1 9/16"    | 325 - 495        | 165 - 410          |





### FEIN TAPPING ACCESSORIES

#### Tapping Accessories for Cordless Drill-Drivers.

Adding even more versatility to the QuickIN accessories is a range of metric tapping adaptors and collets.

#### QuickIN Tapping Adaptors

Metric tapping adaptor set  
(adaptor + 2 collets)  
Order # 64203003010



Metric tapping adaptor  
(without collets)  
Order # 64203003020



#### Tapping Collets

Compatible with all FEIN cordless drill-drivers with QuickIN/QuickIN Max interface. For tapping drill shanks of 3 to 11 mm. Can be easily changed without tools.

Specially designed to prevent slippage.



#### Metric Collets for use with QuickIN tapping adaptor #64203003020

| Description | Shaft Ø mm | Square mm | Order #     |
|-------------|------------|-----------|-------------|
| M2 - M2.6   | 2.8        | 2.1       | 63206077001 |
| M3          | 3.5        | 2.7       | 63206064001 |
| M4 / M6     | 4.5        | 3.4       | 63206065005 |
| M5 / M8     | 6          | 4.9       | 63206066008 |
| M10         | 7          | 5.5       | 63206070006 |
| M8          | 8          | 6.2       | 63206078009 |
| M12         | 9          | 7         | 63206075004 |
| M10         | 10         | 8         | 63206079003 |

#### Tapping Collets

| Ø arbre mm | Carré mm | Order #     |
|------------|----------|-------------|
| 3.5        | 2.7      | 64203009010 |
| 4.5        | 3.4      | 64203010010 |
| 6          | 4.9      | 64203011010 |
| 7          | 5.5      | 64203012010 |
| 8          | 6.2      | 64203013010 |
| 9          | 7.0      | 64203014010 |
| 10         | 8.0      | 64203015010 |
| 11         | 9.0      | 64203016010 |



**VERSADRIVE**<sup>®</sup>  
PATENT PENDING

**CORDLESS WORLD**

## VERSADRIVE ACCESSORY LINE

**With the VersaDrive system of drilling accessories and you can now fasten, drill, tap and ream in metal with the ultimate in precision and versatility.**

### Advantages of working with VersaDrive

- The only Impact-Wrench rated double-hardened cutting accessories.
- Up to 15X faster results than current everyday methods.
- Quick-change adaptors for faster working.
- Non-slip 11.0mm hex shank on all accessories.
- Designed to fit all standard drill chucks for pistol and pillar drills.
- Modular system with a choice of drive methods and adaptors.
- Safer working with impact wrench anti-kickback.
- High grade tool steel, optimized design.

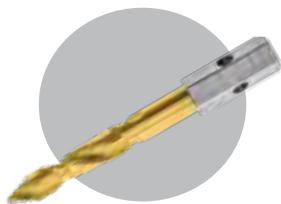
**See the VersaDrive Catalogue for the complete range of drilling accessories.**



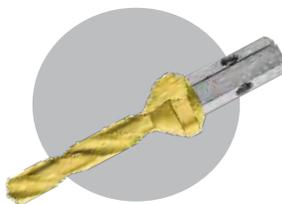
VersaDrive is the only range of drilling and cutting accessories optimized for cordless power tools as well as workshop equipment, because you never know what challenges you are going to face next.



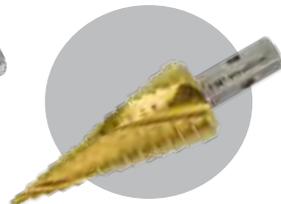
### VERSADRIVE ACCESSORY LINE



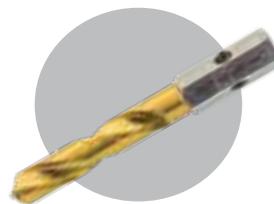
*VSD TurboTip  
Drill Bits*



*VersaDrive  
DrillSink Tool*



*VersaDrive  
Impact Step Drill*



*VersaDrive  
Cobalt Drill Bits*



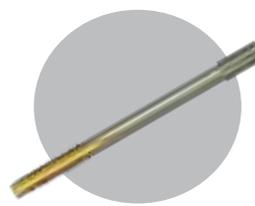
*VersaDrive Heavy-  
Duty Cobalt Drill Bits*



*VersaDrive  
ImpactaTaps (Metric)*



*VersaDrive  
ImpactaTaps (Inch Sizes)*



*VersaDrive  
ImpactaTaps (Long Series)*



*VersaDrive  
ImpactaTaps (Spiral Flute)*



*VersaDrive Sheet  
Metal Drill Taps*



*VersaDrive Heavy  
Duty Drill Taps*



*VersaDrive  
Impact Reamers*



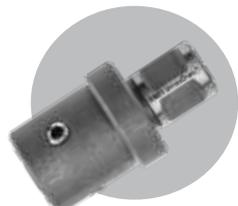
*VersaDrive  
Countersink 82°/90°*



*VersaDrive  
HD Impact Adaptor*



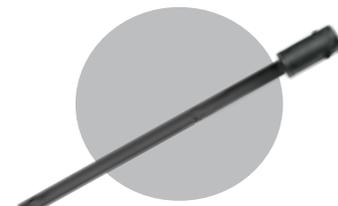
*VersaDrive Impact  
Wrench Adaptor*



*VersaDrive Magnet  
Weldon Adaptors*



*VersaDrive 1/4"  
Impact Driver Adaptor*



*VersaDrive  
Extension Arbor*



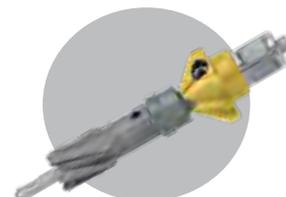
*VersaDrive  
SDS+ Adaptor*



*VersaDrive Morse  
Taper Arbor*



*VersaDrive  
TCT Holesaws*



*VersaDrive  
MultiSinks*



## CORDLESS WORLD

### CORE BITS / HOLE SAWS

**CARBIDE CORE BITS\***  
with QuickIN-PLUS attachment  
Drilling depth 3/4 in.

**TiAlN coated**

Maximum service life. Outstanding performance in all common metals, 20% faster work progress, reduced cutting and feed force due to TiAlN coating.



| Size    | Order #     |
|---------|-------------|
| 9/16"   | 63130300010 |
| 5/8"    | 63130301010 |
| 11/16"  | 63130302010 |
| 3/4"    | 63130303010 |
| 13/16"  | 63130304010 |
| 7/8"    | 63130305010 |
| 15/16"  | 63130306010 |
| 1"      | 63130307010 |
| 1 1/16" | 63130308010 |
| 1 1/8"  | 63130309010 |
| 1 3/16" | 63130310010 |

**Metric sizes are also available**

**CARBIDE HOLE SAWS\***  
with QuickIN-PLUS attachment  
Drilling depth 5/32" (4 mm)

Carbide-tipped with optimal service life for cost-effective drilling work in sheet metal up to 5/32 in. (4 mm) thickness.



| Size     | Order #     |
|----------|-------------|
| 9/16"    | 63131200010 |
| 5/8"     | 63131201010 |
| 11/16"   | 63131202010 |
| 3/4"     | 63131203010 |
| 13/16"   | 63131204010 |
| 7/8"     | 63131205010 |
| 15/16"   | 63131206010 |
| 1"       | 63131207010 |
| 1 1/16"  | 63131208010 |
| 1 1/8"   | 63131209010 |
| 1 3/16"  | 63131210010 |
| 1 1/4"   | 63131211010 |
| 1 5/16"  | 63131212010 |
| 1 3/8"   | 63131213010 |
| 1 7/16"  | 63131214010 |
| 1 1/2"   | 63131215010 |
| 1 9/16"  | 63131216010 |
| 1 5/8"   | 63131217010 |
| 1 11/16" | 63131218010 |
| 1 3/4"   | 63131219010 |
| 1 13/16" | 63131220010 |
| 1 7/8"   | 63131221010 |
| 1 15/16" | 63131222010 |

**FOR PIPES:** Carbide teeth with optimal service life when used on pipe materials and arched surfaces with up to 5/32 in. (4 mm) wall thickness.



| Size     | Order #     |
|----------|-------------|
| 7/8"     | 63131605010 |
| 15/16"   | 63131606010 |
| 1 "      | 63131607010 |
| 1 1/16"  | 63131608010 |
| 1 1/8"   | 63131609010 |
| 1 3/16"  | 63131610010 |
| 1 1/4"   | 63131611010 |
| 1 5/16"  | 63131612010 |
| 1 3/8"   | 63131613010 |
| 1 7/16"  | 63131614010 |
| 1 1/2"   | 63131615010 |
| 1 9/16"  | 63131616010 |
| 1 5/8"   | 63131617010 |
| 1 11/16" | 63131618010 |
| 1 3/4"   | 63131619010 |
| 1 13/16" | 63131620010 |
| 1 7/8"   | 63131621010 |
| 1 15/16" | 63131622010 |
| 2"       | 63131623010 |
| 2 1/16"  | 63131624010 |
| 2 1/8"   | 63131625010 |
| 2 3/16"  | 63131626010 |
| 2 1/4"   | 63131627010 |
| 2 3/8"   | 63131628010 |
| 2 1/2"   | 63131629010 |
| 2 9/16"  | 63131630010 |
| 2 11/16" | 63131631010 |

\* For use with QuickIN Plus Tapping Adaptor # 64203007010



**SHEET METAL CUTTERS**

**Sheet Metal Cutters**

Sluggo thin metal cutters are capable of accurately producing holes up to 3" diameter in sheet metal, light tubing, rubber, fiber materials and select plastics. Designed for use with hand-held drilling equipment, Sluggo thin metal cutters drill up to three times faster than hole saws and have superior tool life.



**1/4" DEPTH OF CUT**

| Cutter Diameter | Dec. Equiv. | 1/4" DEPTH Order # |
|-----------------|-------------|--------------------|
| 6mm             | .2362       | 63134006025        |
| 1/4"            | .2500       | 63134063025        |
| 7mm             | .2750       | 63134070025        |
| 9/32"           | .2810       | 63134071025        |
| 5/16"           | .3125       | 63134079025        |
| 8mm             | .3149       | 63134080025        |
| 11/32"          | .3438       | 63134087025        |
| 9mm             | .3543       | 63134089025        |
| 3/8"            | .3750       | 63134095025        |
| 10mm            | .3937       | 63134100025        |
| 13/32"          | .4062       | 63134103025        |
| 27/64"          | .4219       | 63134107025        |
| 11mm            | .4330       | 63134109025        |
| 7/16"           | .4375       | 63134110025        |
| 15/32"          | .4688       | 63134118025        |
| 12mm            | .4724       | 63134120025        |
| 1/2"            | .5000       | 63134127025        |
| 13mm            | .5118       | 63134129025        |
| 17/32"          | .5312       | 63134134025        |
| 14mm            | .5518       | 63134139025        |
| 9/16"           | .5625       | 63134142025        |
| 15mm            | .5905       | 63134149025        |
| 5/8"            | .6250       | 63134158025        |
| 16mm            | .6299       | 63134159025        |
| 17mm            | .6692       | 63134169025        |
| 11/16"          | .6875       | 63134174025        |
| 18mm            | .7086       | 63134179025        |
| 23/32"          | .7188       | 63134182025        |
| 19mm            | .7480       | 63134189025        |
| 3/4"            | .7500       | 63134190025        |

| Cutter Diameter | Dec. Equiv. | 1/4" DEPTH Order # |
|-----------------|-------------|--------------------|
| 20mm            | .7874       | 63134199025        |
| 13/16"          | .8125       | 63134206025        |
| 7/8"            | .8750       | 63134222025        |
| 15/16"          | .9375       | 63134238025        |
| 1"              | 1.000       | 63134254025        |
| 1 1/16"         | 1.062       | 63134269025        |
| 1 1/8"          | 1.125       | 63134285025        |
| 1 3/16"         | 1.187       | 63134301025        |
| 1 1/4"          | 1.250       | 63134317025        |
| 1 5/16"         | 1.312       | 63134333025        |
| 1 3/8"          | 1.375       | 63134349025        |
| 1 7/16"         | 1.437       | 63134365025        |
| 1 1/2"          | 1.500       | 63134381025        |
| 1 9/16"         | 1.562       | 63134396025        |
| 1 5/8"          | 1.625       | 63134412025        |
| 1 3/4"          | 1.750       | 63134444025        |
| 1 13/16"        | 1.812       | 63134460025        |
| 1 7/8"          | 1.875       | 63134476025        |
| 2"              | 2.000       | 63134508025        |
| 2 1/16"         | 2.062       | 63134523025        |
| 2 1/8"          | 2.125       | 63134539025        |
| 2 1/4"          | 2.250       | 63134571025        |
| 2 5/16"         | 2.312       | 63134587025        |
| 2 3/8"          | 2.375       | 63134603025        |
| 2 1/2"          | 2.500       | 63134635025        |
| 2 9/16"         | 2.562       | 63134651025        |
| 2 5/8"          | 2.625       | 63134666025        |
| 2 3/4"          | 2.750       | 63134698025        |
| 2 7/8"          | 2.875       | 63134731025        |
| 3"              | 3.000       | 63134762025        |



## CORDLESS WORLD

### SHEET METAL CUTTER SETS

#### Sheet Metal Cutter Sets

Slugger thin metal cutters in handy economical sets.

**1/4" DEPTH OF CUT**



#### Cutter Set - 5/16 to 3/4"

**Order # 63134999044**

| Includes       | Dec. equiv. |
|----------------|-------------|
| 5/16"          | .3125       |
| 3/8"           | .3750       |
| 7/16"          | .4375       |
| 1/2"           | .5000       |
| 9/16"          | .5625       |
| 5/8"           | .6250       |
| 3/4"           | .7500       |
| Arbor assembly |             |
| Pilot pin      |             |
| 3mm hex key    |             |
| Carrying case  |             |

#### Cutter Set - 7/8 to 2 1/8"

**Order # 63134999058**

| Includes            | Dec. equiv. |
|---------------------|-------------|
| 7/8"                | .8750       |
| 1"                  | 1.000       |
| 1 1/4"              | 1.250       |
| 1 3/8"              | 1.375       |
| 1 5/8"              | 1.625       |
| 2 1/8"              | 2.125       |
| 3/8" arbor assembly |             |
| 1/2" arbor assembly |             |
| 3mm hex key         |             |
| Carrying case       |             |

#### Electrician Kit

**Order # 63134999056**

| Includes            | Dec. equiv. |
|---------------------|-------------|
| 7/8"                | .8750       |
| 1 1/8"              | 1.125       |
| 1 3/8"              | 1.375       |
| 1 3/4"              | 1.750       |
| 2"                  | 2.000       |
| 2 1/2"              | 2.500       |
| Pilot               |             |
| 3mm hex key         |             |
| 3/8" arbor assembly |             |
| 1/2" arbor assembly |             |
| Carrying case       |             |

### SHEET METAL ARBOR ASSEMBLIES

| Order #   | Contents                                  |  |                            |  |
|---|---|--|----------------------------|--|
| <b>63134161340</b><br>Arbor fits 6mm cutters and 3/8" and larger drills             | 63134124420<br>63134998030<br>30998744260 | Arbor body only<br>Pilot<br>Spring                     | 43098706000<br>43098705000 | SSS, M6 x 1.0 x 6<br>SSS, M5 x 0.8 x 5 DIN 916 |
| <b>63134161360</b><br>Arbor fits 5/16" to 13/16" cutters and 3/8" and larger drills | 63134124420<br>63134998034                | Arbor body only<br>Pilot                               | 30998744260<br>43098706000 | Spring<br>SSS, M6 x 1.0 x 6                    |
| <b>33498294640</b><br>Arbor fits 7/8" to 1 3/8" cutters and 3/8" and larger drills  | 33498223560<br>63134998044<br>33498220200 | Arbor body only<br>1/4" Pilot<br>Cinch nut "LH thread" | 43098706000<br>31342621163 | SSS, M6 x 1.0 x 6<br>Compression spring        |
| <b>33498294620</b><br>Arbor fits 17/16" to 3" cutters and 1/2" and larger drills    | 33498223540<br>63134998044<br>33498220180 | Arbor body only<br>1/4" Pilot<br>Cinch nut "LH thread" | 43098706000<br>31342621163 | SSS, M6 x 1.0 x 6<br>Compression spring        |

## CORDLESS WORLD



### CARBIDE-TIPPED SHEET METAL CUTTERS

#### Carbide Sheet Metal Cutters

- Excellent for hand-held or drill press applications.
- Heavy-duty carbide-tipped cutter outperforms high speed steel or bi-metal cutters in certain applications.
- Multiple cutting edge geometry increases productivity.
- Great for use in stainless steel, brass or structural steel.
- Easy slug ejection.
- Low cost with increased hole drilling productivity.
- 1/2" shanks with chucking flats for hand held operations.
- For applications over 1/2" thickness, using a drill press is recommended.



#### 3/16" DEPTH OF CUT

| Cutter diameter  | Decimal equivalent | 3/16" DEPTH Order # |
|------------------|--------------------|---------------------|
| 5/8"             | .6250              | 63134159032         |
| 11/16"           | .6875              | 63134175032         |
| 3/4"             | .7500              | 63134191032         |
| 13/16"           | .8125              | 63134206032         |
| 7/8"             | .8750              | 63134222032         |
| 15/16"           | .9375              | 63134237029         |
| 1"               | 1.000              | 63134254032         |
| 1 1/16"          | 1.062              | 63134269032         |
| 1 1/8"           | 1.125              | 63134286032         |
| 1 1/32"          | 1.218              | 63134309032         |
| 1 1/4"           | 1.250              | 63134318032         |
| 1 5/16"          | 1.312              | 63134333032         |
| 1 3/8"           | 1.375              | 63134349029         |
| 1 7/16"          | 1.437              | 63134364029         |
| 1 1/2"           | 1.500              | 63134381032         |
| 1 3/4"           | 1.750              | 63134445032         |
| 2"               | 2.000              | 63134508032         |
| 2 1/8"           | 2.125              | 63134539029         |
| 2 1/4"           | 2.250              | 63134571029         |
| 2 3/8"           | 2.375              | 63134603029         |
| 2 1/2"           | 2.500              | 63134636029         |
| 2 5/8"           | 2.625              | 63134667029         |
| 3"               | 3.000              | 63134762029         |
| <b>PILOT PIN</b> |                    | 63134998104         |

#### 1" DEPTH OF CUT

| Cutter diameter           | Decimal equivalent | 1" DEPTH Order # |
|---------------------------|--------------------|------------------|
| 11/16"                    | .6875              | 63134175031      |
| 3/4"                      | .7500              | 63134191031      |
| 13/16"                    | .8125              | 63134206031      |
| 7/8"                      | .8750              | 63134222031      |
| 15/16"                    | .9375              | 63134237031      |
| 1"                        | 1.000              | 63134254031      |
| 1 1/16"                   | 1.062              | 63134270028      |
| 1 1/8"                    | 1.125              | 63134286031      |
| 1 13/16"                  | 1.187              | 63134302031      |
| 1 1/4"                    | 1.250              | 63134318028      |
| 1 5/16"                   | 1.312              | 63134333028      |
| 1 3/8"                    | 1.375              | 63134349031      |
| 1 7/16"                   | 1.437              | 63134364031      |
| 1 1/2"                    | 1.500              | 63134381031      |
| <b>PILOT PIN</b>          |                    | 63134998106      |
| <b>COMPRESSION SPRING</b> |                    | 31342621163      |

Carbide-tipped sheet metal cutters are not available in TINI, TC or cobalt.



# GRIT BELT GRINDING

## GRIT STATIONARY BELT GRINDING SYSTEMS



# GRIT BELT GRINDING



## GRIT STATIONARY BELT GRINDING SYSTEMS



### GRIT GI

Industrial environments place extremely high demands on belt grinders; from high production factory settings to harsh applications. The GRIT-GI program is designed specifically for intense, industrial duty. GRIT-GI grinders are equipped with extremely powerful motors; even continuous operation times and high loads are no problem for the robust construction of GI machines.

### GRIT GX

Constructed for operation and use in small job, prototype and fabrication shops, the GRIT-GX program stands out due to its high efficiency. Whether it's for rough grinding or surface polishing, GRIT-GX grinders offer the quality you demand. Tough, durable and very reliable in operation, GRIT-GX machines can be converted to accommodate a range of applications.

### GRIT GKS

The GKS 75 product line is the ideal solution for those who only process metal using the contact wheel. Due to its low space requirement, it can be fitted easily into any workshop, providing an application range from light deburring to continuous metal removal.

GI 150 with  
GIBE & GIR



GKS 75



**GRIT-GI and GRIT-GX machines are available in a selection of voltages. Always confirm the voltage and phase requirements prior to quoting or placing an order.**

**For hand-held GHB Belt Grinders, see page 43 in the Tooling section.**



# GRIT BELT GRINDING

## GRIT-GI BELT GRINDERS

### GRIT-GI designed specifically for intense, industrial duty.

- For industrial processing of steel, stainless steel, non-ferrous metals.
- High loads and long service life.
- Construction and parts are specifically adapted to heavy duty jobs.
- Superior abrasive performance for economical and professional results.
- Reliable simple operation provides solutions for specialty applications.
- Modular design is cost effective, saving both time and money.



**GI 150  
with GIB**

**For other voltage requirements,  
please contact your local  
FEIN sales representative.**

| <b>GRIT-GI BELT GRINDERS (EXCLUDING BASE)</b>                                  |             |             |                 |                    |                 |                    |
|--|-------------|-------------|-----------------|--------------------|-----------------|--------------------|
| <b>VOLTAGE</b>   |             |             | <b>575/3/60</b> |                    | <b>220/3/60</b> |                    |
| <b>Size</b>  | <b>Type</b> | <b>RPM</b>  | <b>Model</b>    | <b>Order #</b>     | <b>Model</b>    | <b>Order #</b>     |
| 3" (75mm)  | 1-speed     | 3600        | GI 75           | -                  | GI 75 2V        | <b>79020109233</b> |
| 3" (75mm)  | 2-speed     | 1800 / 3600 | GI 75 2H        | <b>79020209573</b> | GI 75 2H 2V     | <b>79020209233</b> |
| <b>GI 75 includes:</b> 1 grinding belt 3 x 79" (75 x 2,000mm) grit 36 type Z   |             |             |                 |                    |                 |                    |
| 6" (150mm)   | 1-speed     | 3,600       | GI 150          | -                  | GI 150 2V       | <b>79020439233</b> |
| 6" (150mm)   | 2-speed     | 1800 / 3600 | GI 150 2H       | <b>79020509573</b> | GI 150 2H 2V    | <b>79020539233</b> |
| <b>GI 150 includes:</b> 1 grinding belt 6 x 79" (150 x 2,000mm) grit 40 type Z |             |             |                 |                    |                 |                    |

### Bases

- Working height easily adjustable by means of gas-filled struts.
- Robust construction provides excellent stability.
- Cartridge filter for effective air cleaning.
- Flexible, heat-resistant steel extraction pipes (GIBE).



| <b>GRIT-GI BELT GRINDER BASES</b>  | <b>575/3/60</b> |                    | <b>220/3/60</b> |                    |
|--|-----------------|--------------------|-----------------|--------------------|
| <b>Description</b>   | <b>Ref.</b>     | <b>Order #</b>     | <b>Ref.</b>     | <b>Order #</b>     |
| <b>Base without exhaust</b>  | GIB             | <b>99001003030</b> | GIB             | <b>99001003030</b> |
| <b>Base with double-suction exhaust</b><br><b>Includes:</b> 2 flexible hoses, 4 clamping bands | GIBE            | <b>99001004010</b> | GIBE 2V         | <b>99001004040</b> |

# GRIT BELT GRINDING



## GRIT-GI BELT GRINDER MODULES

**Add-on modules - expanding the range of applications.**

**Surface Grinding Modules**

For longitudinal grinding and finishing

**Pipe Notching Modules**

Notching in volume production with the GIR\*.

\*Requires extraction chute for connection to GIBE (page 112).

**GIMS Mobile Belt Grinders**

Belt grinding goes mobile with the GIMS. Highly efficient grinding, finishing and honing of weld seams at floor level.



**GIL**



**GIR**



**GIMS**

**GRIT-GI ADD-ON MODULES**

| VOLTAGE   | 575/3/60  |                    | 220/3/60     |                     |
|---|-----------|--------------------|--------------|---------------------|
| Description   | Ref.      | Order #            | Ref.         | Order #             |
| <b>Surface Grinding Module</b>  | GIL       | <b>79024809573</b> | GIL 2V       | <b>79024800403</b>  |
| <b>Pipe Notching Module</b>   | GIR       | <b>99001007110</b> | GIR          | <b>99001007110</b>  |
| <b>GIR includes:</b> 1 contact roller Ø 1 11/16" (42.4mm), 1 grinding belt 6 x 88 9/16" (150 x 2250mm) grit 36 type Z |           |                    |              |                     |
| <b>Deburring machine</b>  | GIE       | <b>79020709573</b> | -            | -                   |
| <b>Mobile Belt Grinders 6"</b>  | GIMS 150* | -                  | GIMS 150 2V* | <b>79021412233*</b> |
| <b>GIMS includes:</b> grinder, carriage and 1 grinding belt grit 36 type R  |           |                    |              |                     |

**\* Special order model**



**GIR volume production pipe notching**

Accurate and fast, the GRIT GIR pipe notching module is designed for industrial use. The high cutting performance guarantees efficient work and with a belt width of 6" (150 mm), it's ideal for larger diameter workpieces.



# GRIT BELT GRINDING

## GRIT-GI BELT GRINDING SYSTEMS

### GRIT GI Systems

Combine GI belt grinders with add-on modules for notching or centerless grinding.

#### GRIT-GI Belt Grinder GRIT GI 75 / GI 75 2H / GI 150 / GI 150 2H + GIB / GIBE

|              |             |
|--------------|-------------|
| GI 75        | 79020109573 |
| GI 75 2H     | 79020209573 |
| GI 150       | 79020409573 |
| GI 150 2H    | 79020509573 |
| GI 75 2V     | 79020109233 |
| GI 75 2H 2V  | 79020209233 |
| GI 150 2V    | 79020439233 |
| GI 150 2H 2V | 79020539233 |
| GIB (base)   | 99001003030 |
| GIBE (base)  | 99001004010 |



Machine base

+



GI Belt Grinder

=



GI Belt Grinder

#### Notching Grinder GRIT GI 150 / GI 150 2H + GIB / GIBE + GIR

|              |             |
|--------------|-------------|
| GI 150       | 79020409573 |
| GI 150 2H    | 79020509573 |
| GI 150 2V    | 79020439233 |
| GI 150 2H 2V | 79020539233 |
| GIR          | 99001007110 |
| GIB (base)   | 99001003030 |
| GIBE (base)  | 99001004010 |



Machine base

+



GI Belt Grinder

+



GIR Notcher

=



GI Pipe Notcher

#### Centerless Grinder GRIT GI 150 / GI 150 2H + GIB + GIC + GXW

|              |             |
|--------------|-------------|
| GI 150       | 79020409573 |
| GI 150 2H    | 79020509573 |
| GI 150 2V    | 79020439233 |
| GI 150 2H 2V | 79020539233 |
| GIC          | 79021209573 |
| GIC 2V       | 79021200233 |
| GIB (base)   | 99001003030 |



Machine base

+



GI Belt Grinder

+



GIC Centreless Module

=



GI Centerless Grinding Machine

## GRIT BELT GRINDING



### GRIT-GI CENTRELESS FINISHING SYSTEMS

#### Cylindrical grinding for perfect surfaces on metal and stainless steel pipe and shafts.

The perfect system for cylindrical grinding of round materials on a production basis. From rough grinding to a brilliant finish – the process speed of the GIC module is as impressive as the quality of the finish. Even flawless finishes on stainless steel become simple.

- Plug and play - quick lock mounting system.
- 4 steerable rollers and levelling feet.
- Variable feed speed.



GIC complete with belt grinder



GIC centerless module mounts onto these machines for centreless grinding applications:

- GI 75 2V 220/3/60
- GI 75 2H 2V 220/3/60
- GI 75 575/3/60
- GI 150 2V 220/3/60
- GI 150 2H 2V 220/3/60
- GI 150 575/3/60
- GI 150 2H 575/3/60

#### GRIT-GI CENTRELESS GRINDING

| VOLTAGE  | 575/3/60 |                    | 220/3/60 |                    |
|--|----------|--------------------|----------|--------------------|
| Description  | Ref.     | Order #            | Ref.     | Order #            |
| <b>Centreless Grinding Module</b>  | GIC      | <b>79021209573</b> | GIC 2V   | <b>79021200233</b> |
| <b>Cooling Lubricant Module</b><br>Includes: 1/4 gal (1 L) cooling lubricant | GXW      | <b>79012409573</b> | GXW 2V   | <b>79012400443</b> |

### GRIT GIR CONTACT ROLLERS

Constructed of the highest quality and designed for maximum efficiency.



When ordering contact rollers, always measure the **exact outside diameter** of the pipe and choose your contact roller according to the metric diameters on this page.

| Ø mm | Order #     | Ø mm | Order #     | Ø mm  | Order #     |
|------|-------------|------|-------------|-------|-------------|
| 20.0 | 69902101000 | 38.3 | 69902113000 | 76.2  | 69902125000 |
| 22.0 | 69902102000 | 40.0 | 69902114000 | 84.0  | 69902126000 |
| 25.0 | 69902103000 | 42.4 | 69902115000 | 88.9  | 69902127000 |
| 25.4 | 69902104000 | 44.5 | 69902116000 | 101.6 | 69902128000 |
| 26.9 | 69902105000 | 48.3 | 69902117000 | 104.0 | 69902129000 |
| 28.0 | 69902106000 | 50.0 | 69902118000 | 108.0 | 69902130000 |
| 30.0 | 69902107000 | 50.8 | 69902119000 | 114.3 | 69902131000 |
| 32.0 | 69902108000 | 60.0 | 69902120000 | 133.0 | 69902132000 |
| 33.7 | 69902109000 | 60.3 | 69902121000 | 139.7 | 69902133000 |
| 35.0 | 69902110000 | 63.5 | 69902122000 | 152.4 | 69902155000 |
| 38.0 | 69902111000 | 69.0 | 69902123000 | 168.3 | 69902134000 |
| 38.1 | 69902112000 | 76.1 | 69902124000 |       |             |



# GRIT BELT GRINDING

## GRIT-GI ACCESSORIES

### GRIT-GI General Accessories

| For                           | Order #     | Description  | Pack |
|-------------------------------|-------------|--|------|
| <b>GI 75</b>                  | 39000000001 | Graphite coated base plates - For flat grinding                        | 5    |
|                               | 39000001006 | Contact wheel - Extra hard   | 1    |
|                               | 39000000206 | Drive disc - dia. 8 x 3 in. (200 x 75mm)                               | 1    |
|                               | 39000000190 | Acrylic eye protection shields   | 3    |
| <b>GI 150 &amp; GI 150 2H</b> | 39000000056 | Graphite coated base plates for flat grinding                          | 3    |
|                               | 39000000288 | Contact wheel - extra hard   | 1    |
|                               | 39000000184 | Acrylic eye protection shields   | 3    |
| <b>GIL</b>                    | 69902176000 | Swivel joint   | 1    |
| <b>GIR</b>                    | 69902175000 | Mitre grinding plate   | 1    |
|                               | 39000000184 | Acrylic eye protection shields   | 3    |
|                               | 69902182000 | Extraction chute for connection to GIBE base                           | 1    |
| <b>GENERAL</b>                | 69902000000 | Water container / dust collector set                                   | 1    |
|                               | 39000000002 | Flexible hose - dia. 3 <sup>3</sup> / <sub>16</sub> in. x 3.3 ft. long | 1    |
|                               | 39000000003 | Hose clamp   | 1    |
|                               | 39000000485 | Water container / dust collector 5.2 gal. (20 L)                       | 1    |

| For        | Order #     | Description   | Pack |
|------------|-------------|---|------|
| <b>GIC</b> | 39000004554 | Drill template - for adapting old GI machines                               | 1    |
|            | 69902000146 | Pipe cleaning device  | 1    |
|            | 69902180600 | Pipe stand - dia. 10-130mm  | 1    |
|            | 69902181600 | Pipe feed set - dia. 10-130mm   |      |
| <b>GXW</b> | 69902100000 | Cooling lubricant emulsion:<br>2.6 gal. (10 L) concentrate - Mix ratio 1:30 |      |
| <b>GIE</b> | 39000000004 | Acrylic eye protection shields  | 3    |

| For        | Order #     | Description          | Size                                    | Wire gauge | mm   |
|------------|-------------|----------------------|---|------------|------|
| <b>GIE</b> | 69902007000 | Steel wire brush     |   | 28         | 0.35 |
|            | 69902008000 | Steel wire brush     | 10 x 2 <sup>3</sup> / <sub>8</sub> x 2" | 25         | 0.50 |
|            | 69902009000 | Stainless wire brush | (250x60x51mm)                           | 36         | 0.20 |
|            | 69902010000 | Stainless wire brush |   | 29         | 0.35 |

# GRIT BELT GRINDING



## GRIT-GX BELT GRINDERS

### Ideal for use in smaller workshops and for limited production runs.

The GRIT-GX Belt Grinder is the foundation of the GRIT-GX system. This powerful base machine is highly productive and economical as a stand alone grinding centre. Using the belt grinder as the base of the system, simply add on modules to expand the spectrum of applications. Radius grinding, cylindrical finishing, notching pipe and tubing, deburring, all with efficiency and flexibility.

- For use in small workshops and for smaller production runs.
- Covers all standard grinding tasks: belt, radius and cylindrical grinding.
- Easy to assemble, quickly installed and quickly converted.
- Great work safety and machine reliability.



**GX 75**



**For other voltage requirements, please contact your local FEIN sales representative.**

| <b>GRIT-GX BELT GRINDERS WITH BASE *</b> |             |             |                 |                    |                 |                    |
|--|-------------|-------------|-----------------|--------------------|-----------------|--------------------|
| <b>VOLTAGE</b>                           |             |             | <b>575/3/60</b> |                    | <b>220/3/60</b> |                    |
| <b>Size</b>                              | <b>Type</b> | <b>RPM</b>  | <b>Ref.</b>     | <b>Order #</b>     | <b>Ref.</b>     | <b>Order #</b>     |
| 3" (75mm)                                | 2-speed     | 1800 / 3600 | GX 75 2H        | <b>79013209573</b> | GX 75 2H 2V     | <b>79012259233</b> |

**Includes:** 1 grinding belt 3 x 79" (75 x 2,000mm) grit 36 type Z

**\* GX 75 2H can be ordered without the base.**





# GRIT BELT GRINDING

## GRIT-GX BELT GRINDER MODULES

### Easily installed and quickly converted.

GXR expansion module for “notching” on a wide range of workpieces, such as pipes, square pipes, flat materials and profiles.

GXC expansion module for “cylindrical finishing” from coarse to fine grit.

GXE independent addition to the GRIT GX range for deburring steel and stainless steel workpieces.

Finishing with the GRIT GXW greatly enhanced surface results by using the coolant system. Using the coolant system alleviates small particles allowing the belts longer service life.



**GXR**



**GXC**



**GXW**



**GXE**

| GRIT-GX ADD-ON MODULES   |          |                    |          |                    |
|--|----------|--------------------|----------|--------------------|
| VOLTAGE  | 575/3/60 |                    | 220/3/60 |                    |
| Description  | Ref.     | Order #            | Ref.     | Order #            |
| <b>Pipe Notching Modules</b>   | GXR      | <b>99001001110</b> | GXR      | <b>99001001110</b> |
| <b>GXR includes:</b> Plastic water container, 2 contact rollers dia. 1 <sup>11</sup> / <sub>16</sub> ” & 1 <sup>7</sup> / <sub>8</sub> ” (42.4mm & 48.3mm), 1 grinding belt 3 x 88 <sup>9</sup> / <sub>16</sub> ” (75 x 2250mm) grit 36 type Z |          |                    |          |                    |
| <b>Cylindrical Grinding Modules</b>  | GXC      | <b>79012309573</b> | GXC 2V   | <b>79012309443</b> |
| <b>Includes:</b> 2 nylon guide rails, 1 brass guide rail   |          |                    |          |                    |
| <b>Cooling Lubricant Modules</b>   | GXW      | <b>79021409573</b> | GXW 2V   | <b>79012400443</b> |
| <b>Includes:</b> 1/4 gal (1 L) cooling lubricant emulsion  |          |                    |          |                    |
| <b>Deburring Machines</b>  | GXE      | <b>79010509573</b> | GXE 2V   | <b>79010509233</b> |
| Motor protection switch (brush not included)   |          |                    |          |                    |
| <b>Machine Base for GXE</b>  | GIXS     | <b>99001002000</b> | GIXS     | <b>99001002000</b> |



### GRIT GXW

The risk of corrosion on stainless steel pipes is reduced alleviating heat development. A closed circuit ensures economical use of the cooling system.

When finishing stainless steel, always grind in concealed and clean environment due to cross-contamination.

# GRIT BELT GRINDING



## GRIT-GX ACCESSORIES

### GRIT GX General Accessories

| ACCESSORIES                 |             |  |      |
|-----------------------------|-------------|--|------|
| For                         | Order #     | Description  | Pack |
| <b>GX 75 &amp; GX 75 2H</b> | 39000000001 | Graphite coated base plates - For flat grinding                      | 5    |
|                             | 39000001006 | Contact wheel - Extra hard   | 1    |
|                             | 39000000004 | Acrylic eye protection shields                                       | 3    |
|                             | 69902000000 | Water container / dust collector set (hose, clamp, container lid)    |      |
|                             | 39000000002 | Flexible hose - 3 <sup>9</sup> / <sub>16</sub> " dia. x 3.3 ft. long | 1    |
|                             | 39000000003 | Hose clamp   | 1    |
|                             | 39000000485 | Water container / dust collector - cap. 5.2 gal (20 L)               | 1    |

| For        | Order #     | Description  | Pack |
|------------|-------------|--|------|
| <b>GXC</b> | 39000000496 | Brass guide rail - For dry grinding, coarse material                     | 1    |
|            | 39000000497 | Nylon guide rails - For smooth and high quality material                 | 3    |
|            | 39000001128 | Guide roller set (80 mm)   |      |
|            | 69902156000 | Roller support - Includes mounting unit                                  |      |
|            | 69902179600 | Pipe guide set, dia. 10-100 mm   |      |
|            | 69902180600 | Pipe stand, dia. 10-130 mm   |      |
| <b>GXW</b> | 69902100000 | Cooling lubricant emulsion: 2.6 gal. (10 L) concentrate - Mix ratio 1:30 |      |
| <b>GXR</b> | 69902004000 | Stainless steel clamping jaws  | 1    |
|            | 69902001000 | Length stop - 39" (1 m)  | 1    |
|            | 39000000007 | Acrylic eye protection shields   | 3    |
|            | 39000000485 | Water container / dust collector - cap. 5.2 gal (20 L)                   | 1    |
| <b>GXE</b> | 39000000004 | Acrylic eye protection shields   | 3    |

| For        | Order #     | Description          | Size                                    | Wire gauge | mm   |
|------------|-------------|----------------------|---|------------|------|
| <b>GXE</b> | 69902007000 | Steel wire brush     |   | 28         | 0.35 |
|            | 69902008000 | Steel wire brush     | 10 x 2 <sup>3</sup> / <sub>8</sub> x 2" | 25         | 0.50 |
|            | 69902009000 | Stainless wire brush | (250x60x51mm)                           | 36         | 0.20 |
|            | 69902010000 | Stainless wire brush |   | 29         | 0.35 |



# GRIT BELT GRINDING

## GRIT-GX CONTACT ROLLERS

**GXR Contact Rollers, simple assembly with a ball bearing mounted at both ends.**

| Order #     | Dia. mm |
|-------------|---------|
| 69902020000 | 16.0    |
| 69902021000 | 17.0    |
| 69902022000 | 17.2    |
| 69902023000 | 18.0    |
| 69902024000 | 19.0    |
| 69902025000 | 20.0    |
| 69902026000 | 21.0    |
| 69902027000 | 21.3    |
| 69902028000 | 22.0    |
| 69902029000 | 22.2    |
| 69902030000 | 22.5    |
| 69902031000 | 23.0    |
| 69902032000 | 23.1    |
| 69902033000 | 24.0    |
| 69902034000 | 24.5    |
| 69902035000 | 25.0    |
| 69902036000 | 25.4    |
| 69902037000 | 25.9    |
| 69902038000 | 26.0    |
| 69902039000 | 26.4    |
| 69902040000 | 26.9    |
| 69902041000 | 27.0    |
| 69902042000 | 28.0    |
| 69902043000 | 28.6    |
| 69902044000 | 28.8    |
| 69902045000 | 29.0    |
| 69902046000 | 30.0    |
| 69902047000 | 31.7    |
| 69902048000 | 32.0    |
| 69902049000 | 33.0    |
| 69902050000 | 33.7    |
| 69902051000 | 34.0    |
| 69902052000 | 35.0    |
| 69902053000 | 36.0    |
| 69902054000 | 37.5    |
| 69902055000 | 38.0    |

| Order #     | Dia. mm |
|-------------|---------|
| 69902056000 | 38.1    |
| 69902057000 | 38.3    |
| 69902058000 | 40.0    |
| 69902059000 | 41.0    |
| 69902060000 | 41.2    |
| 69902061000 | 42.0    |
| 69902062000 | 42.4    |
| 69902063000 | 42.6    |
| 69902064000 | 43.0    |
| 69902065000 | 43.3    |
| 69902066000 | 44.0    |
| 69902067000 | 44.5    |
| 69902068000 | 45.0    |
| 69902069000 | 46.0    |
| 69902070000 | 48.0    |
| 69902071000 | 48.3    |
| 69902072000 | 49.0    |
| 69902073000 | 50.0    |
| 69902074000 | 50.8    |
| 69902075000 | 51.0    |
| 69902076000 | 53.0    |
| 69902077000 | 53.7    |
| 69902078000 | 54.0    |
| 69902079000 | 55.0    |
| 69902080000 | 57.0    |
| 69902081000 | 58.0    |
| 69902082000 | 59.0    |
| 69902083000 | 60.0    |
| 69902084000 | 60.3    |
| 69902085000 | 63.0    |
| 69902086000 | 63.5    |
| 69902087000 | 65.0    |
| 69902088000 | 67.0    |
| 69902089000 | 69.0    |
| 69902090000 | 70.0    |
| 69902091000 | 73.0    |

| Order #     | Dia. mm |
|-------------|---------|
| 69902092000 | 75.0    |
| 69902093000 | 76.0    |
| 69902094000 | 76.1    |
| 69902095000 | 76.2    |
| 69902096000 | 80.0    |
| 69902097000 | 82.5    |
| 69902098000 | 88.9    |
| 69902099000 | 90.0    |



When ordering contact rollers, always measure the **exact outside diameter** of the pipe and choose your contact roller according to the metric diameters on this page.

# GRIT BELT GRINDING



## GRIT GKS SINGLE-PHASE BELT GRINDER

### Low space requirement - ideal for repair shops or smaller work areas.

Compact and efficient, the GKS 75 product line is the ideal solution for those who only process metal using the contact wheel. Due to its low space requirement, it can be fitted easily into any workshop, providing an application range from light deburring to continuous metal removal.

- 1-phase 230V model - compact and efficient stationary belt grinder.
- Simple and quick to operate, can be put into operation immediately.
- Good price performance ratio.
- Good work ergonomics with easy-to-reach switch and belt adjustment and perfect work height.
- Simple belt changes.
- Design makes for an almost chip-free work environment.
- Compact size and durable construction.



### GRIT GKS BELT GRINDER

| Size      | Type    | RPM  | Model  | Order #            |
|-----------|---------|------|--------|--------------------|
| 3" (75mm) | 1-speed | 3450 | GKS 75 | <b>79050209232</b> |

**Includes:** 1 grinding belt 3 x 79" (75 x 2000mm) grit 36 type Z



|                |   |
|----------------|---|
| Model          | GKS 75  |
| Voltage        | 1-phase 230V  |
| No load speed  | 3450 RPM  |
| Weight         | 96 lbs (44 kg)                                      |
| Belt dimension | 3 x 78 <sup>3</sup> / <sub>4</sub> " (75 x 2000 mm) |



# GRIT BELT GRINDING

## GRIT GI-GX FINISHING BELTS

**High quality finishing belts in a range of types.**

**TYPE R Ceramic**

Versatile grinding belt with both significantly reduced processing time and a superior service life.

- More aggressive cut rate, long-lasting, increased productivity.
- Self-sharpening ceramic grain has a reputation of being one of the toughest, longest-lasting metal removal products on the market today.
- Very robust polyester backing.
- Best suited for stainless steel and high alloyed steels.

**TYPE Z Zirconia**

All-rounder for grinding and deburring of steel and non-ferrous metals that also satisfies the highest demands.

- Cost-effective belt stands out due to its long service life and performance.
- Extra heavy polyester fibre fabric, full resin bond with zirconia alumina.
- Additional top layer for cooling during the grinding process.

**TYPE A Fine**

Grinding belts with fine grit for polishing metals to a fine finish.

- Ultimate surface results.
- Heavy cotton fabric, full resin bond with aluminium oxide.

**TYPE F Fleece**

For removal of minor to medium scratch marks as well as light deburring.

- Ideal for use with the GIL for a coarse grain to a satin finish with perfect surface quality and high finish speeds.
- Excellent for surface preparation on all metals, especially stainless and aluminium.



| Machine     | Belt Size |
|-------------|-----------|
| GRIT GI 75  | 3"        |
| GRIT GI 150 | 6"        |
| GRIT GX     | 3"        |
| GRIT GKS    | 3"        |

**GRIT FINISHING BELTS**

| Type                          | Order #     | Size in.               | Size mm    | Grit   | Pack |
|-------------------------------|-------------|------------------------|------------|--------|------|
| <b>TYPE R Ceramic</b>         | 69908036188 | 3 x 79                 | 75 x 2000  | 24     | 10   |
|                               | 69908036191 | 3 x 79                 | 75 x 2000  | 36     | 10   |
|                               | 69908036192 | 3 x 79                 | 75 x 2000  | 40     | 10   |
|                               | 69908036193 | 3 x 79                 | 75 x 2000  | 60     | 10   |
|                               | 69908036190 | 3 x 79                 | 75 x 2000  | 80     | 10   |
|                               | 69908036194 | 3 x 79                 | 75 x 2000  | 120    | 10   |
|                               | 69908036111 | 3 x 88 <sup>9/16</sup> | 75 x 2250  | 36     | 10   |
| <b>TYPE Z Zirconia</b>        | 69908036199 | 3 x 79                 | 75 x 2000  | 36     | 10   |
|                               | 69908036200 | 3 x 79                 | 75 x 2000  | 40     | 10   |
|                               | 69908036201 | 3 x 79                 | 75 x 2000  | 60     | 10   |
|                               | 69908036202 | 3 x 79                 | 75 x 2000  | 80     | 10   |
|                               | 69908036203 | 3 x 79                 | 75 x 2000  | 120    | 10   |
|                               | 69908036204 | 3 x 88 <sup>9/16</sup> | 75 x 2250  | 36     | 10   |
| <b>TYPE A Aluminium oxide</b> | 69908036205 | 3 x 79                 | 75 x 2000  | 220    | 10   |
|                               | 69908036206 | 3 x 79                 | 75 x 2000  | 320    | 10   |
|                               | 69908036207 | 3 x 79                 | 75 x 2000  | 400    | 10   |
| <b>TYPE F Fleece</b>          | 69908034035 | 3 x 79                 | 75 x 2000  | Fine   | 1    |
|                               | 69908034036 | 3 x 79                 | 75 x 2000  | Medium | 1    |
|                               | 69908034037 | 3 x 79                 | 75 x 2000  | Coarse | 1    |
|                               | 69908034038 | 6 x 79                 | 150 x 2000 | Fine   | 1    |
|                               | 69908034039 | 6 x 79                 | 150 x 2000 | Medium | 1    |
|                               | 69908034040 | 6 x 79                 | 150 x 2000 | Coarse | 1    |

## GRIT BELT GRINDING



### GRIT GI-GX FINISHING BELTS

| GRIT FINISHING BELTS       |             |                                     |            |      |      |
|----------------------------|-------------|-------------------------------------|------------|------|------|
| Type                       | Order #     | Size in.                            | Size mm    | Grit | Pack |
| <b>TYPE R<br/>Ceramic</b>  | 69908036211 | 6 x 79                              | 150 x 2000 | 24   | 10   |
|                            | 69908036212 | 6 x 79                              | 150 x 2000 | 36   | 10   |
|                            | 69908036213 | 6 x 79                              | 150 x 2000 | 40   | 10   |
|                            | 69908036214 | 6 x 79                              | 150 x 2000 | 60   | 10   |
|                            | 69908036215 | 6 x 79                              | 150 x 2000 | 80   | 10   |
|                            | 69908036216 | 6 x 79                              | 150 x 2000 | 120  | 10   |
|                            | 69908036217 | 6 x 88 <sup>9</sup> / <sub>16</sub> | 150 x 2250 | 36   | 10   |
| <b>TYPE Z<br/>Zirconia</b> | 69908036226 | 6 x 79                              | 150 x 2000 | 36   | 10   |
|                            | 69908036227 | 6 x 79                              | 150 x 2000 | 40   | 10   |
|                            | 69908036228 | 6 x 79                              | 150 x 2000 | 60   | 10   |
|                            | 69908036229 | 6 x 79                              | 150 x 2000 | 80   | 10   |
|                            | 69908036230 | 6 x 79                              | 150 x 2000 | 120  | 10   |
|                            | 69908036231 | 6 x 88 <sup>9</sup> / <sub>16</sub> | 150 x 2250 | 36   | 10   |
| <b>TYPE A<br/>Alumina</b>  | 69908034030 | 6 x 79                              | 150 x 2000 | 80   | 10   |
|                            | 69908034031 | 6 x 79                              | 150 x 2000 | 120  | 10   |
|                            | 69908034032 | 6 x 79                              | 150 x 2000 | 180  | 10   |
|                            | 69908036232 | 6 x 79                              | 150 x 2000 | 220  | 10   |
|                            | 69908036233 | 6 x 79                              | 150 x 2000 | 320  | 10   |
|                            | 69908036234 | 6 x 79                              | 150 x 2000 | 400  | 10   |

#### CUBITRON

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining.

- Cool grinding without tarnishing.
- Very robust polyester backing.
- Result is a better surface quality.



| GRIT FINISHING BELTS |             |          |           |      |      |
|----------------------|-------------|----------|-----------|------|------|
| Type                 | Order #     | Size in. | Size mm   | Grit | Pack |
| <b>Cubitron</b>      | 69903145000 | 3 x 79   | 75 x 2000 | 36   | 10   |
|                      | 69903146000 |          |           | 60   | 10   |
|                      | 69903147000 |          |           | 80   | 10   |

**FEIN ABRASIVES**



**FEIN ABRASIVES OVERVIEW**

**FEIN Abrasives - specialized, high quality industrial finishing products.**

FEIN Canada is proud to supply the FEIN brand of abrasives, chosen to compliment existing FEIN products and to keep pace with the FEIN brand which is recognized worldwide for high quality. This catalogue represents the most popular abrasives and surface conditioning products as determined by the Canadian market. Over 50 years of industry experience is the foundation of these specially selected abrasive products, state-of-the-art quality made for serious industrial applications yet competitively priced.



FEIN Abrasives are made to the most stringent of safety standards, meeting or surpassing any required standards.



We have, whenever possible, partnered with abrasive manufacturers who founded the Organization for the Safety of Abrasives "oSa", an organization whose members have voluntarily undertaken to produce and market safe high quality abrasive products. FEIN abrasives bearing the oSa symbol assure end users of a level of quality and safety in their daily applications surpassing that of other manufacturers.



- Grinding Wheels - Steel / Stainless
- Grinding Wheels - Aluminium
- Zirconia/Ceramic Flap Discs
- Zirconia Flap Discs
- Ceramic Flap Discs
- Pipeliner Wheels
- MultiCut Wheels
- Combo Cut & Grind Wheels
- Cleaning Wheels

- Cut-off Wheels SP- Steel / Stainless
- Cut-off Wheels GP- Steel / Stainless
- Cut-off Wheels - Aluminium
- Chop Saw Wheels
- Gas Saw Wheels
- Carbide Burrs
- Non-Woven Abrasives
- Unitized Wheels
- Zirconia Flap Bands

- Mounted Flap Wheels 1/4" shank
- Mounted Flap Wheels 1/8" shank
- Interleaf Finishing Flap Wheels
- Felt Polishing Flap Wheels
- Non-woven Finishing Flap Wheels
- Threaded Flap Wheels
- Resin Fibre Discs
- Surface Conditioning Discs
- Trim-Cut Discs



**FEIN ABRASIVES**



**GRINDING WHEELS**

**FEIN FLASHGRIND**

**Superior Performance Grinding Wheels SP INOX - high productivity and long life.**

- For stainless steel, steel and non-ferrous metals.
- Ideal for weld removal, deburring, surface and edge grinding.
- Made from select superior abrasive grain, reinforcing and resins.
- Provide high productivity, long life and low vibration.
- **Contaminate-free, no iron, sulphur or chlorine added**



| Order #     | Ref.     | Type | Size in         | Size mm         | RPM    | Box |
|-------------|----------|------|-----------------|-----------------|--------|-----|
| 69908031108 | F-471128 | 27   | 4 x 1/4 x 5/8"  | 100 x 6 x 16    | 15,200 | 10  |
| 69908031104 | F-470244 | 27   | 4½ x 1/4 x 7/8" | 115 x 7 x 22.23 | 13,300 | 10  |
| 69908031105 | F-470251 | 27   | 5 x 1/4 x 7/8"  | 125 x 7 x 22.23 | 12,200 | 10  |
| 69908031101 | F-332245 | 27   | 6 x 1/4 x 7/8"  | 150 x 7 x 22.23 | 10,200 | 10  |
| 69908031106 | F-470398 | 27   | 7 x 1/4 x 7/8"  | 178 x 7 x 22.23 | 8,600  | 10  |
| 69908031107 | F-470411 | 27   | 9 x 1/4 x 7/8"  | 230 x 7 x 22.23 | 6,600  | 10  |

**FEIN FLASHGRIND-ALU**

**High Performance Non-loading Grinding Wheels - great value and great productivity.**

- For use on aluminium, copper, brass, bronze and other soft, greasy materials susceptible to loading problems.
- Ideally suited to weld grinding and surface grinding with no residue.
- Excellent stock removal rates and good service life.
- No loading or clogging.
- Aluminium oxide.



| Order #     | Ref.     | Type | Size in        | Size mm         | Box | RPM    |
|-------------|----------|------|----------------|-----------------|-----|--------|
| 69908031102 | F-375179 | 27   | 5 x 1/4 x 7/8" | 125 x 7 x 22.23 | 10  | 12,200 |





# FEIN ABRASIVES

## FLAP DISCS

### FEIN FLASHDISC

**Superior Performance Flap Discs SP - One-step grinding and finishing.**

- Made from superior performance zirconia abrasive flap material suitable for stainless steel, steel and non-ferrous metals.
- Zirconia flaps are designed to provide a high stock removal rate and a long service life.
- Distinct advantage over reinforced grinding wheels and can reduce labor costs significantly.
- **Contaminate-free, no iron, sulphur or chlorine added**



#### CONICAL FDC Type 29 - Zirconia

| Order #     | Ref.     | Grit | Size                       | Box | RPM    |
|-------------|----------|------|----------------------------|-----|--------|
| 69908031612 | F-167922 | 40   | 4½ x 7/8"<br>115 x 22.23mm | 10  | 13,300 |
| 69908031615 | F-167953 | 60   |                            |     |        |
| 69908031621 | F-246672 | 80   |                            |     |        |
| 69908031613 | F-167939 | 40   | 5 x 7/8"<br>125 x 22.23mm  | 10  | 12,200 |
| 69908031616 | F-167960 | 60   |                            |     |        |
| 69908031622 | F-246702 | 80   |                            |     |        |
| 69908031611 | F-167908 | 120  | 6 x 7/8"<br>150 x 22.23mm  | 10  | 10,200 |
| 69908031601 | F-152940 | 40   |                            |     |        |
| 69908031602 | F-152960 | 60   |                            |     |        |
| 69908031603 | F-152980 | 80   | 7 x 7/8"<br>180 x 22.23mm  | 10  | 8,600  |
| 69908031614 | F-167946 | 40   |                            |     |        |
| 69908031617 | F-167977 | 60   |                            |     |        |
| 69908031623 | F-246740 | 80   |                            |     |        |



#### FLAT FDF Type 27 - Zirconia

| Order #     | Ref.     | Grit | Size                       | Box | RPM    |
|-------------|----------|------|----------------------------|-----|--------|
| 69908031605 | F-167618 | 40   | 4½ x 7/8"<br>115 x 22.23mm | 10  | 13,300 |
| 69908031608 | F-167649 | 60   |                            |     |        |
| 69908031618 | F-246573 | 80   |                            |     |        |
| 69908031604 | F-167588 | 120  | 5 x 7/8"<br>125 x 22.23mm  | 10  | 12,200 |
| 69908031606 | F-167625 | 40   |                            |     |        |
| 69908031607 | F-167632 | 40   |                            |     |        |
| 69908031610 | F-167663 | 60   | 7 x 7/8"<br>180 x 22.23mm  | 10  | 8,600  |
| 69908031620 | F-246641 | 80   |                            |     |        |

**FEIN ABRASIVES**



**FLAP DISCS**

**FEIN FLASHDISC UP Zirconia/Ceramic Flap Discs - Grind more material in less time.**

- Trimmable “ORANGE” plastic-backed flap discs.
- Ultimate performance “UP” delivers the ultimate performance and high metal removal rate to get the job done quickly and efficiently.
- Unique dual flap design of high quality ceramic & zirconia bonded onto a special composite plastic back.
- Stainless, steel, aluminium and other hard to grind materials such as Titanium and Inconel.
- Self-sharpening ceramic and zirconia grain provide a cool, fast cutting action.
- Plastic back can be trimmed to expose more abrasive flap material and extend disc life.
- Contaminant free ≤ 0.1% of ferrous, chlorinated or sulphurous fillers.



Surface grinding and finishing.  
Blending applications with light pressure.  
Grinding welds and blending.  
Heavy metal removal.  
Beveling and deburring.

**Zirconia-Ceramic UP - FLAT Type 27**

| Order #     | Ref.     | Grit | Size                       | Pack* | RPM    |
|-------------|----------|------|----------------------------|-------|--------|
| 69908031647 | F-387569 | 40   | 4½ x 7/8”<br>115 x 22.23mm | 10    | 13,300 |
| 69908031648 | F-387570 | 60   |                            |       |        |
| 69908031649 | F-387571 | 80   |                            |       |        |
| 69908031650 | F-387573 | 40   | 5 x 7/8”<br>125 x 22.23mm  | 10    | 12,200 |
| 69908031651 | F-387574 | 60   |                            |       |        |
| 69908031652 | F-387575 | 80   |                            |       |        |
| 69908031653 | F-387577 | 40   | 6 x 7/8”<br>150 x 22.23mm  | 10    | 8,600  |
| 69908031654 | F-387578 | 60   |                            |       |        |
| 69908031655 | F-387579 | 80   |                            |       |        |

**\*Shrink-wrapped in packages of 10**

**FEIN FLASHDISC Ceramic Flap Discs**

- Made with specially designed ceramic grain for maximum performance with both durability and aggressiveness.
- Excellent lifetime on stainless steel, hard metals and alloys.



**Flat FDF Type 27 - Ceramic**

| Order #     | Ref.     | Grit | Size                      | Box | RPM   |
|-------------|----------|------|---------------------------|-----|-------|
| 69908031624 | F-855740 | 40   | 7 x 7/8”<br>180 x 22.23mm | 10  | 8,600 |



# FEIN ABRASIVES

## PIPELINER, MULTI-CUT & COMBO CUT/GRIND WHEELS

### FEIN FLASHCUT-PIPE Pipeliner Wheels Superior Performance Pipeliner Wheels "SP PIPE"

- Combo wheels for light grinding or cutting of pipeliner root pass, weld and flame cut grinding, and all facets of steel, stainless and non-ferrous metal production.
- For stainless steel and steel.



#### PIPELINER WHEELS - Type 27

| Order #     | Ref.     | Size in        | Size mm           | RPM    | Box |
|-------------|----------|----------------|-------------------|--------|-----|
| 69908030624 | F-532973 | 5 x 1/8 x 7/8" | 125 x 4.1 x 22.23 | 12,200 | 10  |

### FEIN FLASHCUT-MULTI "One For All" Wheels

- Excellent for construction, renovation and job-site applications.
- Easily eliminates the need for 3 or 4 different cutting wheels.
- Perfect for those who cut all kinds of material.
- Ideal for plumbers, farming, maintenance facility repairs, and the DIY enthusiast.
- Cut a range of materials such as steel, stainless, aluminium, plastic, PVC, stone or marble.



#### MULTI-CUT WHEELS - Type 1

| Order #     | Ref.     | Size in          | Size mm           | RPM    | Pack |
|-------------|----------|------------------|-------------------|--------|------|
| 69908030607 | F-178743 | 4½ x .045 x 7/8" | 115 x 1.2 x 22.23 | 13,300 | 25   |
| 69908030608 | F-178750 | 5 x .045 x 7/8"  | 125 x 1.2 x 22.23 | 12,200 | 25   |

### FEIN FLASHCUT-COMBO Wheels Superior Performance Combination Wheel for cutting, light grinding and deburring, all with just one wheel.

- Very safe, prevents the use of the wrong wheel as it can cut or perform light grinding tasks.
- High productivity, long life and low vibration.
- Universal use in stainless steel and steel cut-off applications.



#### COMBO WHEELS - Type 27

| Order #     | Ref.     | Size in         | Size mm         | RPM    | Pack |
|-------------|----------|-----------------|-----------------|--------|------|
| 69908030613 | F-455564 | 5 x 5/64 x 7/8" | 125 x 2 x 22.23 | 12,200 | 25   |

# FEIN ABRASIVES



## GP CUT-OFF WHEELS

### FEIN FLASHCUT-GP

**FEIN FlashCut General Purpose Cut-off Wheels for consistent quality, performance and level of safety compliance.**

- Specifically designed for universal cutting of steel sheet metal, bar stock and cross sections.
- Cost-effective alternative for all around general purpose use.
- Made from premium aluminium oxide grain and special resin bonding material.
- Formulated for fast cutting performance and a long service life.
- Smooth cutting action, high lateral stability and minimal pressure required; the .045 thickness allows for quick easy cuts and minimized burr formation.
- For stainless steel, steel and non-ferrous materials.  
**Contaminate-free, no iron, sulphur or chlorine added.**



### GP CUT-OFF WHEELS FOR STAINLESS STEEL\*

| Order #                         | Ref.     | Size in          | Size mm           | RPM    | Pack * |
|---------------------------------|----------|------------------|-------------------|--------|--------|
| <b>Type 27 Depressed-centre</b> |          |                  |                   |        |        |
| 69908030628                     | F-538341 | 4½ x .045 x 7/8" | 115 x 1.6 x 22.23 | 13,300 | 25     |
| 69908030630                     | F-538999 | 5 x .045 x 7/8"  | 125 x 1.6 x 22.23 | 12,200 | 25     |
| 69908030627                     | F-538196 | 6 x .045 x 7/8"  | 150 x 1.6 x 22.23 | 10,200 | 25     |
| <b>Type 1 Flat</b>              |          |                  |                   |        |        |
| 69908030629                     | F-538781 | 4½ x .045 x 7/8" | 115 x 1.6 x 22.23 | 13,300 | 25     |
| 69908030625                     | F-538142 | 5 x .045 x 7/8"  | 125 x 1.6 x 22.23 | 12,200 | 25     |
| 69908030626                     | F-538192 | 6 x .045 x 7/8"  | 150 x 1.6 x 22.23 | 10,200 | 25     |

### GP CUT-OFF WHEELS FOR STEEL\*

| Order #                         | Ref.     | Size in         | Size mm           | RPM    | Pack * |
|---------------------------------|----------|-----------------|-------------------|--------|--------|
| <b>Type 27 Depressed-centre</b> |          |                 |                   |        |        |
| 69908030662                     | F-379380 | 5 x .045 x 7/8" | 125 x 1.6 x 22.23 | 12,200 | 25     |
| <b>Type 1 Flat</b>              |          |                 |                   |        |        |
| 69908030661                     | F-379381 | 5 x .045 x 7/8" | 125 x 1.6 x 22.23 | 12,200 | 25     |

\* Shrink-wrapped packages



FEIN ABRASIVES

SP CUT-OFF WHEELS

FEIN FLASHCUT SP Superior Performance Cut-off Wheels

- SP INOX for stainless steel, steel and non-ferrous materials.
- Designed to meet the most demanding of applications.
- Unsurpassed cost-efficiency and outstanding productivity.
- Smooth cutting action.
- **Contaminate-free, no iron, sulphur or chlorine added.**



| Order #                         | Ref.     | Size in          | Size mm           | RPM    | Box |
|---------------------------------|----------|------------------|-------------------|--------|-----|
| <b>Type 27 Depressed-centre</b> |          |                  |                   |        |     |
| 69908030616                     | F-459669 | 4½ x .045 x 7/8" | 115 x 1.2 x 22.23 | 13,300 | 25  |
| 69908030605                     | F-162613 | 4½ x 3/32 x 7/8" | 115 x 2.3 x 22.23 | 13,300 | 25  |
| 69908030614                     | F-459645 | 5 x .045 x 7/8"  | 125 x 1.2 x 22.23 | 12,200 | 25  |
| 69908030606                     | F-162651 | 5 x 3/32 x 7/8"  | 125 x 2.3 x 22.23 | 12,200 | 25  |
| 69908030622                     | F-522882 | 5 x 1/8 x 7/8"   | 125 x 3.0 x 22.23 | 12,200 | 25  |
| 69908030618                     | F-475836 | 6 x .045 x 7/8"  | 150 x 1.2 x 22.23 | 10,200 | 25  |
| 69908030619                     | F-475999 | 6 x 1/16 x 7/8"  | 150 x 1.6 x 22.23 | 10,200 | 25  |
| 69908030621                     | F-508459 | 6 x 3/32 x 7/8"  | 150 x 2.3 x 22.23 | 10,200 | 25  |
| 69908030615                     | F-459652 | 7 x .045 x 7/8"  | 180 x 1.6 x 22.23 | 8,600  | 25  |
| 69908030604                     | F-162279 | 7 x 3/32 x 7/8"  | 180 x 2.3 x 22.23 | 8600   | 25  |
| <b>Type 1 Flat</b>              |          |                  |                   |        |     |
| 69908030609                     | F-355442 | 4½ x .045 x 7/8" | 115 x 1.2 x 22.23 | 13,300 | 25  |
| 69908030620                     | F-499733 | 5 x .040 x 7/8"  | 125 x 1.0 x 22.23 | 12,200 | 25  |
| 69908030610                     | F-355459 | 5 x .045 x 7/8"  | 125 x 1.2 x 22.23 | 12,200 | 25  |
| 69908030631                     | F-581179 | 6 x .045 x 7/8"  | 150 x 1.2 x 22.23 | 10,200 | 25  |
| 69908030632                     | F-581186 | 7 x .045 x 7/8"  | 180 x 1.6 x 22.23 | 8,600  | 25  |



**FEIN ABRASIVES**



**ALUMINIUM CUT-OFF WHEELS / CHOP SAW WHEELS**

**FEIN FLASHCUT-ALU Superior Performance Cut-off Wheels for aluminium and soft materials.**

- Specifically designed for use on aluminium, copper, brass, bronze and other soft, greasy materials susceptible to loading problems.
- Ideal for smooth cool cutting of sheet metal, sections, and solid material with minimized burr formation.
- The .045” thickness allows for quick easy cuts.
- Aluminium oxide.
- No loading or clogging.
- Fast cutting performance and long service life.



**CUT-OFF WHEELS FOR ALUMINIUM**

| Order #     | Ref.     | Size in         | Size mm           | Type | RPM    | Box |
|-------------|----------|-----------------|-------------------|------|--------|-----|
| 69908030611 | F-375180 | 5 x .045 x 7/8” | 125 x 1.6 x 22.23 | 27   | 12,200 | 25  |
| 69908030612 | F-375181 | 5 x .045 x 7/8” | 125 x 1.6 x 22.23 | 1    | 12,200 | 25  |

**FEIN FLASHCUT-CHOP Superior Performance Chop Saw Wheels for low-powered chop saws.**

- Safe, efficient wheels for use in all types of manufacturing, fabrication, maintenance and construction sites.
- Made specifically for demanding portable chapsaw applications.
- Fully reinforced and designed to have very high lateral stability as well as providing a very quick clean cut in many different types of demanding jobsite applications.
- Engineered to provide an excellent life time, performance and durability.



**CHOP SAW WHEELS - Flat Type 1**

| Order #                    | Ref.     | Size in        | Size mm          | Type | RPM   | Box |
|----------------------------|----------|----------------|------------------|------|-------|-----|
| <b>For Steel</b>           |          |                |                  |      |       |     |
| 69908030634                | F-629123 | 12 x 3/32 x 1” | 300 x 2.8 x 25.4 | 1    | 5,100 | 25  |
| 69908030635                | F-629154 | 14 x 3/32 x 1” | 350 x 2.8 x 25.4 | 1    | 4,400 | 10  |
| 69908030636                | F-638675 | 16 x 3/32 x 1” | 400 x 2.8 x 25.4 | 1    | 3,820 | 10  |
| <b>For Stainless Steel</b> |          |                |                  |      |       |     |
| 69908030637                | F-639634 | 14 x 3/32 x 1” | 350 x 2.8 x 25.4 | 1    | 4,400 | 10  |



# FEIN ABRASIVES

## GAS SAW WHEELS / CLEANING WHEELS

### FEIN FLASHCUT-SAW Superior Performance Gas Saw Wheels for portable high speed gas saws.

- High speed cut-off wheels manufactured to perform under the toughest job applications.
- Externally reinforced with extra heavy fibreglass for additional strength, protecting the wheel against increased side load pressures.



#### GAS SAW WHEELS

| Order #  | Ref.     | Size in           | Size mm          | RPM   | Box |
|--|----------|-------------------|------------------|-------|-----|
| <b>MASONRY CUTTING WHEELS</b>  |          |                   |                  |       |     |
| Silicon carbide grain for cured concrete, masonry, brick, block and stone. |          |                   |                  |       |     |
| 69908030640  | F-802310 | 12" x 1/8" x 1"   | 300 x 3.0 x 25.4 | 6,360 | 10  |
| 69908030642  | F-804310 | 14" x 1/8" x 20mm | 350 x 3.0 x 20   | 5,460 | 10  |

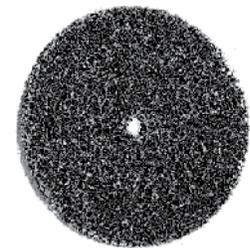
#### METAL CUTTING WHEELS

Aluminium oxide grain for steel, ferrous metals, structural steel, iron and rebar.

|             |          |                   |                  |       |    |
|-------------|----------|-------------------|------------------|-------|----|
| 69908030643 | F-841330 | 12" x 1/8" x 20mm | 300 x 3.0 x 25.4 | 6,360 | 10 |
| 69908030645 | F-844330 | 14" x 1/8" x 1"   | 350 x 3.0 x 25.4 | 5,460 | 10 |
| 69908030646 | F-844340 | 14" x 1/8" x 20mm | 350 x 3.0 x 20   | 5,460 | 10 |

### FEIN Cleaning Wheels

- Replace wire wheels and flap wheels, files, hand scrapers and other non-woven abrasives.



#### CLEANING WHEELS

| Dia. x width x bore | Type | Ref.    | Order #     | RPM    | Opt. RPM |
|---------------------|------|---------|-------------|--------|----------|
| 4 x 1/2 x 1/4"      | 1    | WF26904 | 69908034228 | 6,000  | 3,000    |
| 4 x 1/2 x 1/2"      | 1    | AMDC100 | 69908034056 | 6,000  | n/a      |
| 6 x 1/2 x 1/2" bore | 1    | AMDC150 | 69908034057 | 4,000  | n/a      |
| 4 1/2 x 7/8"        | 27   | AMCP115 | 69908034054 | 10,500 | 6,500    |
| 7 x 7/8"            | 27   | AMCP180 | 69908034055 | 6,600  | 4,000    |

| ARBORS for        | Description                | Ref.     | Order #     |
|-------------------|----------------------------|----------|-------------|
| WF26904           | - 1/4" bore x 1/4" shank   | WF326992 | 69908034229 |
| AMDC100 & AMDC150 | - Flanged 1/2 x 1/4" shank | WF326994 | 69908034230 |



## FEIN ABRASIVES



### SMALL DIAMETER WHEELS

#### FEIN FLASHCUT Small Diameter Cut-off Wheels

- Aluminium oxide type 1 for die and angle grinders for stainless steel, steel, other ferrous and non-ferrous materials.

**SKA Premium Performance:** Premium grains for longer life and better performance.

**A High Performance:** For everyday use.

| Type       | Order #     | Ref.     | Dia. x width x bore |                 | Grit | RPM    | Box |
|------------|-------------|----------|---------------------|-----------------|------|--------|-----|
| <b>SKA</b> | 69908030653 | MFC 6126 | 1½ x 1/8 x 1/8"     | 38 x 3.0 x 3mm  | 60   | 45,000 | 100 |
|            | 69908030654 | MFC 6127 | 2 x .040 x 3/8"     | 50 x 1.0 x 10mm | 60   | 30,000 | 100 |
|            | 69908030652 | MFC 1360 | 2½ x 1/16 x 3/8"    | 63 x 1.6 x 10mm | 60   | 27,000 | 50  |
|            | 69908030655 | MFC 6130 | 3 x .040 x 3/8"     | 75 x 1.0 x 10mm | 60   | 25,000 | 50  |
|            | 69908030656 | MFC 6131 | 3 x 1/16 x 3/8"     | 75 x 1.6 x 10mm | 60   | 25,000 | 50  |
|            | 69908030657 | MFC 6133 | 4 x .040 x 3/8"     | 100 x 1.0 x 3mm | 60   | 19,000 | 50  |
| <b>A</b>   | 69908030648 | MFC 1154 | 3 x .035 x 1/4"     | 75 x 0.9 x 7mm  | 60   | 25,000 | 50  |
|            | 69908030649 | MFC 1158 | 3 x .035 x 3/8"     | 75 x 0.9 x 3mm  | 60   | 25,000 | 50  |
|            | 69908030650 | MFC 1164 | 3 x 1/16 x 3/8"     | 75 x 1.6 x 10mm | 36   | 25,000 | 50  |
|            | 69908030651 | MFC 1172 | 3 x 1/8 x 3/8"      | 75 x 3.0 x 10mm | 36   | 25,000 | 50  |

#### FEIN FLASHGRIND Small Diameter Grinding Wheels

- For rapid grinding and excellent finishing on steel and ferrous metals.
- Type 1 (Internal/External) for Electric or Air Driven Grinders.

| Order #     | Ref.     | Dia. x width x bore |                | Grit | RPM    | Box |
|-------------|----------|---------------------|----------------|------|--------|-----|
| 69908031109 | MFC 4008 | 2 x 1/4 x 3/8"      | 50 x 7 x 10mm  | 36   | 30,000 | 25  |
| 69908031110 | MFC 4012 | 2 x 3/8 x 3/8"      | 50 x 10 x 10mm | 36   | 27,000 | 15  |
| 69908031111 | MFC 4016 | 2 x 1/2 x 3/8"      | 50 x 13 x 10mm | 36   | 27,000 | 15  |
| 69908031112 | MFC 4024 | 3 x 1/4 x 3/8"      | 75 x 7 x 10mm  | 36   | 23,000 | 25  |
| 69908031113 | MFC 4028 | 3 x 3/8 x 3/8"      | 75 x 10 x 10mm | 36   | 18,000 | 20  |
| 69908031114 | MFC 4032 | 3 x 1/2 x 3/8"      | 75 x 13 x 10mm | 36   | 18,000 | 15  |



#### Mounting Mandrels for small diameter wheels

| Order #     | Ref.     | Size: Arbor x shank |          | For Thickness |
|-------------|----------|---------------------|----------|---------------|
| 69908032601 | MFC 8008 | 1/8 x 1/4"          | 3 x 6mm  | .035" to 1/4" |
| 69908032602 | MFC 8014 | 1/4 x 1/4"          | 6 x 6mm  | .035" to 1/4" |
| 69908032603 | MFC 8038 | 3/8 x 1/4"          | 10 x 6mm | .035" to 1/4" |
| 69908036105 | MFC 8214 | 1/4 x 1/4"          | 6 x 6mm  | 3/8" to 1/2"  |
| 69908032606 | MFC 8338 | 3/8 x 1/4"          | 10 x 6mm | 3/8" to 1/2"  |

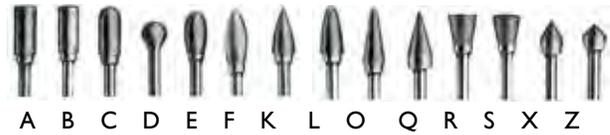


# FEIN ABRASIVES

## CARBIDE BURRS

**FEIN Carbide Burrs 1/4" Shank**  
**Perfectly balanced for smooth performance.**

- Made from the highest quality carbide material.
- Precision ground to provide smooth low impact to minimize operator fatigue and extend tool life.
- Available in a large variety of shapes and sizes for demanding detailed work.
- The carbide burrs on this page are diamond cut, other cuts are available.



### SPEED CHART

| Diameter                              | RPM Range       |
|---------------------------------------|-----------------|
| 1/8"                                  | 30,000 - 75,000 |
| 3/16" (3mm)                           | 30,000 - 60,000 |
| 1/4" (6mm)                            | 23,000 - 45,000 |
| 5/16"                                 | 20,000 - 40,000 |
| 3/8" (10mm)                           | 15,000 - 30,000 |
| 1/2" (12mm)                           | 11,000 - 22,000 |
| 5/8"                                  | 10,000 - 20,000 |
| 3/4" (20mm)                           | 7,500 - 15,000  |
| 1" (25mm)                             | 5,500 - 10,000  |
| <b>Long Carbide Burrs - 6" Length</b> |                 |
| 1/4" (6mm)                            | 17,000 - 33,000 |
| 3/8" (10mm)                           | 18,000 - 27,000 |
| 1/2" (12mm)                           | 16,000 - 24,000 |



| Order #                           | Ref.  | Dia. x L."  |
|-----------------------------------|-------|-------------|
| <b>A) CYLINDRICAL - Plain End</b> |       |             |
| 69908038006                       | SA-14 | 3/16 x 5/8  |
| 69908038004                       | SA-1  | 1/4 x 5/8   |
| 69908038009                       | SA-3  | 3/8 x 3/4   |
| 69908038015                       | SA-5  | 1/2 x 1     |
| 69908038020                       | SA-6  | 5/8 x 1     |
| 69908038007                       | SA-16 | 3/4 x 3/4   |
| 69908038022                       | SA-7  | 3/4 x 1     |
| 69908038023                       | SA-9  | 1 x 1       |
| <b>B) CYLINDRICAL - End cut</b>   |       |             |
| 69908038026                       | SB-14 | 3/16 x 5/8  |
| 69908038024                       | SB-1  | 1/4 x 5/8   |
| 69908038028                       | SB-3  | 3/8 x 3/4   |
| 69908038030                       | SB-5  | 1/2 x 1     |
| 69908038031                       | SB-6  | 5/8 x 1     |
| 69908038032                       | SB-7  | 3/4 x 1     |
| 69908038033                       | SB-9  | 1 x 1       |
| <b>B) CYLINDRICAL - Round top</b> |       |             |
| 69908038036                       | SC-14 | 3/16 x 5/8  |
| 69908038034                       | SC-1  | 1/4 x 5/8   |
| 69908038038                       | SC-3  | 3/8 x 3/4   |
| 69908038044                       | SC-5  | 1/2 x 1     |
| 69908038047                       | SC-6  | 5/8 x 1     |
| 69908038049                       | SC-7  | 3/4 x 1     |
| <b>D) BALL</b>                    |       |             |
| 69908038052                       | SD-11 | 1/8 x 3/32  |
| 69908038053                       | SD-14 | 3/16 x 1/8  |
| 69908038050                       | SD-1  | 1/4 x 3/16  |
| 69908038054                       | SD-2  | 5/16 x 1/4  |
| 69908038056                       | SD-3  | 3/8 x 5/16  |
| 69908038061                       | SD-5  | 1/2 x 7/16  |
| 69908038064                       | SD-6  | 5/8 x 9/16  |
| 69908038066                       | SD-7  | 3/4 x 11/16 |
| 69908038067                       | SD-9  | 1 x 15/16   |
| <b>E) OVAL</b>                    |       |             |
| 69908038068                       | SE-1  | 1/4 x 3/8   |
| 69908038069                       | SE-3  | 3/8 x 5/8   |
| 69908038074                       | SE-5  | 1/2 x 7/8   |
| 69908038077                       | SE-6  | 5/8 x 1     |

| Order #                             | Ref.  | Dia. x L."   |
|-------------------------------------|-------|--------------|
| <b>F) FLAME</b>                     |       |              |
| 69908038108                         | SH-2  | 5/16 x 3/4   |
| 69908038110                         | SH-5  | 1/2 x 1 1/4  |
| <b>K) TREE - Pointed</b>            |       |              |
| 69908038098                         | SG-1  | 1/4 x 5/8    |
| 69908038101                         | SG-3  | 3/8 x 3/4    |
| 69908038099                         | SG-13 | 1/2 x 3/4    |
| 69908038104                         | SG-5  | 1/2 x 1      |
| 69908038107                         | SG-6  | 5/8 x 1      |
| 69908038100                         | SG-15 | 3/4 x 1 1/2  |
| <b>L) TREE - Radius</b>             |       |              |
| 69908038079                         | SF-1  | 1/4 x 5/8    |
| 69908038084                         | SF-3  | 3/8 x 3/4    |
| 69908038092                         | SF-5  | 1/2 x 1      |
| 69908038097                         | SF-6  | 5/8 x 1      |
| <b>O) 14° TAPER - Radius end</b>    |       |              |
| 69908038121                         | SL-1  | 1/4 x 5/8    |
| 69908038122                         | SL-2  | 5/16 x 7/8   |
| 69908038123                         | SL-3  | 3/8 x 1 1/16 |
| 69908038125                         | SL-4  | 1/2 x 1 1/8  |
| <b>Q) CONE - Pointed</b>            |       |              |
| 69908038130                         | SM-1  | 1/4 x 1/2    |
| 69908038131                         | SM-2  | 1/4 x 3/4    |
| 69908038132                         | SM-3  | 1/4 x 1      |
| 69908038133                         | SM-4  | 3/8 x 3/4    |
| 69908038137                         | SM-5  | 1/2 x 1      |
| 69908038139                         | SM-6  | 5/8 x 1 1/8  |
| <b>R) INVERTED CONE - Plain End</b> |       |              |
| 69908038140                         | SN-1  | 1/4 x 1/4    |
| 69908038143                         | SN-3  | 1/2 x 1/4    |
| 69908038142                         | SN-4  | 1/2 x 1/2    |
| <b>X) 60° CONE</b>                  |       |              |
| 69908038113                         | SJ-1  | 1/4 x 60°    |
| 69908038114                         | SJ-3  | 3/8 x 60°    |
| 69908038115                         | SJ-5  | 1/2 x 60°    |
| <b>Z) 90° CONE</b>                  |       |              |
| 69908038117                         | SK-3  | 3/8 x 90°    |
| 69908038118                         | SK-5  | 1/2 x 90°    |

## FEIN ABRASIVES



### CARBIDE BURRS

#### FEIN Carbide Burr Sets

- Assorted carbide burrs in grey metal case.
- 1/4" shank.
- Handy and economical.



| Description  | Order #     | Ref.   | Contents   |
|--------------|-------------|--------|--|
| 8 PIECE SET  | 69908038002 | CBS-8  | SA-5, SC-3, SC-5, SD-5, SF-3, SF-5, SG-3, SL-4             |
| 10 PIECE SET | 69908038151 | CBS-10 | SA-3, SA-5, SC-3, SC-5, SD-3, SD-5, SF-3, SF-5, SG-5, SL-4 |

#### Carbide Burrs for Aluminium 1/4" Shank

- Designed for use on aluminum and other non-ferrous metals, plastic and other soft materials.
- Minimum loading when working with soft sticky metal.
- Quality flute finish for fast chip flow and stock removal.

##### ALUMINIUM CARBIDE BURRS

| Order #                           | Ref.     | Dia. x L.    | RPM             |
|-----------------------------------|----------|--------------|-----------------|
| <b>A) CYLINDRICAL - Plain end</b> |          |              |                 |
| 69908038005                       | SA-1 ALU | 1/4 x 5/8    | 23,000 - 45,000 |
| 69908038010                       | SA-3 ALU | 3/8 x 3/4    | 15,000 - 30,000 |
| 69908038016                       | SA-5 ALU | 1/2 x 1      | 11,000 - 22,000 |
| <b>C) CYLINDRICAL - Round Top</b> |          |              |                 |
| 69908038039                       | SC-3 ALU | 3/8 x 3/4    | 15,000 - 30,000 |
| 69908038045                       | SC-5 ALU | 1/2 x 1      | 11,000 - 22,000 |
| <b>E) OVAL</b>                    |          |              |                 |
| 69908038070                       | SE-3 ALU | 3/8 x 5/8    | 15,000 - 30,000 |
| <b>L) TREE - Radius End</b>       |          |              |                 |
| 69908038085                       | SF-3 ALU | 3/8 x 3/4    | 15,000 - 30,000 |
| <b>O) 14° TAPER - Radius end</b>  |          |              |                 |
| 69908038124                       | SL-3 ALU | 3/8 x 1 1/16 | 15,000 - 30,000 |

#### 6" Extra-long Carbide Burrs 1/4" Shank

- For working in hard to reach areas.
- Precision ground and well balanced diamond cut for heavy stock removal.
- Provides a smooth finish.

##### LONG CARBIDE BURRS 6" LENGTH

| Order #                           | Ref.      | Dia. x L. | RPM             |
|-----------------------------------|-----------|-----------|-----------------|
| <b>A) CYLINDRICAL - Plain end</b> |           |           |                 |
| 69908038008                       | SA-1L6    | 1/4 x 6   | 22,000 - 33,000 |
| 69908038012                       | SA-3L6    | 3/8 x 6   | 18,000 - 27,000 |
| <b>C) CYLINDRICAL - Round Top</b> |           |           |                 |
| 69908038148                       | SC-5L6    | 1/2 x 6   | 16,000 - 24,000 |
| 69908038152                       | SC-3L6    | 3/8 x 6   | 18,000 - 27,000 |
| <b>E) OVAL</b>                    |           |           |                 |
| 69908036119                       | SE-5L6 DC | 1/2 x 6   | 16,000 - 24,000 |
| 69908038072                       | SE-3L6 DC | 3/8 x 6   | 18,000 - 27,000 |
| <b>L) TREE - Radius End</b>       |           |           |                 |
| 69908038087                       | SF-3L6    | 3/8 x 6   | 18,000 - 27,000 |
| 69908038095                       | SF-5L6    | 1/2 x 6   | 16,000 - 24,000 |

PRO TIP: If the burrs are chipping easily, this could be due to the speed being too slow.



# FEIN ABRASIVES

## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

### FEIN MOUNTED FLAP WHEELS 1/4" SHANK

Manufactured with aluminium oxide grain on an X-weight cotton backing for superior durability and greater flexibility. For die grinders, straight grinders and drills. **Boxes of 10.**



For 1/8" shank, see page 135.

| GRIT          | A40       |             | A60     |             | A80     |             | A120    |             | RPM    |
|---------------|-----------|-------------|---------|-------------|---------|-------------|---------|-------------|--------|
|               | Dia. x W. | Ref.        | Order # | Ref.        | Order # | Ref.        | Order # | Ref.        |        |
| 3/4 x 3/4"    | WF10142   | 69908032798 | WF10144 | 69908032607 | WF10145 | 69908032608 | WF10147 | 69908032609 | 35,000 |
| 1 x 1/2"      | WF10182   | 69908032613 | WF10184 | 69908032614 | WF10185 | 69908032615 | WF10187 | 69908032616 | 30,000 |
| 1 x 1"        | WF10242   | 69908032620 | WF10244 | 69908032621 | WF10245 | 69908032622 | WF10247 | 69908032623 | 30,000 |
| 1 3/16 x 1/2" | WF10342   | 69908032795 | WF10344 | 69908032796 | WF10345 | 69908032627 | WF10347 | 69908032628 | 30,000 |
| 1 1/2 x 1/2"  | WF10382   | 69908032631 | WF10384 | 69908032632 | WF10385 | 69908032633 | WF10387 | 69908032634 | 30,000 |
| 1 1/2 x 3/4"  | WF10402   | 69908032798 | WF10404 | 69908032638 | WF10405 | 69908032639 | WF10407 | 69908032799 | 30,000 |
| 1 1/2 x 1"    | WF10422   | 69908032640 | WF10424 | 69908032641 | WF10425 | 69908032642 | WF10427 | 69908032643 | 30,000 |
| 2 x 1/2"      | WF10462   | 69908032647 | WF10464 | 69908032648 | WF10465 | 69908032649 | WF10467 | 69908032650 | 25,000 |
| 2 x 3/4"      | WF10502   | 69908032803 | WF10504 | 69908032652 | WF10505 | 69908032793 | WF10507 | 69908032804 | 25,000 |
| 2 x 1"        | WF10522   | 69908032653 | WF10524 | 69908032654 | WF10525 | 69908032655 | WF10527 | 69908032656 | 25,000 |
| 2 1/2 x 1/2"  | WF10622   | 69908032660 | WF10624 | 69908032661 | WF10625 | 69908032662 | WF10627 | 69908032663 | 23,000 |
| 2 1/2 x 1"    | WF10662   | 69908032667 | WF10664 | 69908032668 | WF10665 | 69908032669 | WF10667 | 69908032670 | 23,000 |
| 3 x 1/2"      | WF10722   | 69908032672 | WF10724 | 69908032673 | WF10725 | 69908032674 | WF10727 | 69908032675 | 20,000 |
| 3 x 3/4"      | WF10762   | 69908032812 | WF10764 | 69908032677 | WF10765 | 69908032678 | WF10767 | 69908032679 | 20,000 |
| 3 x 1"        | WF10782   | 69908032681 | WF10784 | 69908032682 | WF10785 | 69908032683 | WF10787 | 69908032684 | 20,000 |
| 3 x 2"        | WF10822   | 69908032686 | WF10824 | 69908032687 | WF10825 | 69908032688 | WF10827 | 69908032689 | 12,000 |

### FEIN INTERLEAF FINISHING FLAP WHEELS 1/4" SHANK

Alternating flaps of abrasive cloth and non-woven finishing material provides some stock removal while leaving a brushed finish. One-step deburring and finishing. For die grinders, straight grinders and drills. **Boxes of 10.**



| GRIT     | A 80 MEDIUM |             | A 120 MEDIUM |             | A 150 FINE |             | RPM    |
|----------|-------------|-------------|--------------|-------------|------------|-------------|--------|
|          | Dia. x W.   | Ref.        | Order #      | Ref.        | Order #    | Ref.        |        |
| 1 x 1"   | WF17185     | 69908032742 | WF17187      | 69908032743 | WF17188    | 69908032744 | 15,000 |
| 2 x 1"   | WF17525     | 69908032747 | WF17527      | 69908032748 | WF17528    | 69908032749 | 13,700 |
| 2 x 2"   | WF17585     | 69908032752 | WF17587      | 69908032753 | WF17588    | 69908032754 | 13,700 |
| 3 x 1/2" | WF17745     | 69908032757 | WF17747      | 69908032758 | WF17748    | 69908032759 | 8,600  |
| 3 x 1"   | WF17805     | 69908032762 | WF17807      | 69908032763 | WF17808    | 69908032764 | 8,600  |
| 3 x 2"   | WF17865     | 69908032767 | WF17867      | 69908032768 | WF17868    | 69908032769 | 8,600  |

# FEIN ABRASIVES



## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

### FEIN MOUNTED FLAP WHEELS 1/4" SHANK

Manufactured with aluminium oxide grain on an X-weight cotton backing for superior durability and greater flexibility. For die grinders, straight grinders and drills. **Boxes of 10.**



For 1/8" shank, see page 135.

| GRIT<br>Dia. x W.                     | A180    |             | A240    |             | A320    |             | RPM    |
|---------------------------------------|---------|-------------|---------|-------------|---------|-------------|--------|
|                                       | Ref.    | Order #     | Ref.    | Order #     | Ref.    | Order #     |        |
| 3/4 x 3/4"                            | WF10149 | 69908032610 | WF10150 | 69908032611 | WF10151 | 69908032612 | 35,000 |
| 1 x 1/2"                              | WF10189 | 69908032617 | WF10190 | 69908032618 | WF10191 | 69908032619 | 30,000 |
| 1 x 1"                                | WF10249 | 69908032624 | WF10250 | 69908032797 | WF10251 | 69908032626 | 30,000 |
| 1 <sup>3</sup> / <sub>16</sub> x 1/2" | WF10349 | 69908032629 | WF10350 | 69908032800 | WF10351 | 69908032630 | 30,000 |
| 1 <sup>1</sup> / <sub>2</sub> x 1/2"  | WF10389 | 69908032635 | WF10390 | 69908032636 | WF10391 | 69908032637 | 30,000 |
| 1 <sup>1</sup> / <sub>2</sub> x 3/4"  | WF10409 | 69908032800 | WF10410 | 69908032801 | WF10411 | 69908032604 | 30,000 |
| 1 <sup>1</sup> / <sub>2</sub> x 1"    | WF10429 | 69908032644 | WF10430 | 69908032645 | WF10431 | 69908032646 | 30,000 |
| 2 x 1/2"                              | WF10469 | 69908032651 | WF10470 | 69908032605 | WF10471 | 69908032802 | 25,000 |
| 2 x 3/4"                              | WF10509 | 69908032805 | WF10510 | 69908032806 | WF10511 | 69908032807 | 25,000 |
| 2 x 1"                                | WF10529 | 69908032657 | WF10530 | 69908032658 | WF10531 | 69908032659 | 25,000 |
| 2 <sup>1</sup> / <sub>2</sub> x 1/2"  | WF10629 | 69908032664 | WF10630 | 69908032665 | WF10631 | 69908032666 | 23,000 |
| 2 <sup>1</sup> / <sub>2</sub> x 1"    | WF10669 | 69908032671 | WF10670 | 69908032808 | WF10671 | 69908032809 | 23,000 |
| 3 x 1/2"                              | WF10729 | 69908032676 | WF10730 | 69908032810 | WF10731 | 69908032811 | 20,000 |
| 3 x 3/4"                              | WF10769 | 69908032680 | WF10770 | 69908032813 | WF10771 | 69908032814 | 20,000 |
| 3 x 1"                                | WF10789 | 69908032685 | WF10790 | 69908032815 | WF10791 | 69908032816 | 20,000 |
| 3 x 2"                                | WF10829 | 69908032690 | WF10830 | 69908032817 | WF10831 | 69908032818 | 12,000 |

### FEIN INTERLEAF FINISHING FLAP WHEELS 1/4" SHANK

Alternating flaps of abrasive cloth and non-woven finishing material provides some stock removal while leaving a brushed finish. One-step deburring and finishing. For die grinders, straight grinders and drills. **Boxes of 10.**



| GRIT<br>Dia. x W. | A 180 EXTRA-FINE |             | A 240 EXTRA-FINE |             | RPM    | Box |
|-------------------|------------------|-------------|------------------|-------------|--------|-----|
|                   | Ref.             | Order #     | Ref.             | Order #     |        |     |
| 1 x 1"            | WF17189          | 69908032745 | WF17190          | 69908032746 | 15,000 | 10  |
| 2 x 1"            | WF17529          | 69908032750 | WF17530          | 69908032751 | 13,700 | 10  |
| 2 x 2"            | WF17589          | 69908032755 | WF17590          | 69908032756 | 13,700 | 10  |
| 3 x 1/2"          | WF17749          | 69908032760 | WF17750          | 69908032761 | 8,600  | 10  |
| 3 x 1"            | WF17809          | 69908032765 | WF17810          | 69908032766 | 8,600  | 10  |
| 3 x 2"            | WF17869          | 69908032770 | WF17870          | 69908032771 | 8,600  | 10  |



# FEIN ABRASIVES

## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

### MOUNTED FELT POLISHING FLAP WHEELS - 1/4" SHANK

Soft wool felt flaps produce up to a mirror finish.

| GRIT<br>Dia. x W. | SOFT     |             | MEDIUM   |             | Opt.<br>RPM | Max.<br>RPM | Box |
|-------------------|----------|-------------|----------|-------------|-------------|-------------|-----|
|                   | Ref.     | Order #     | Ref.     | Order #     |             |             |     |
| 1 x 1"            | WF120621 | 69908034213 | WF120622 | 69908034214 | 7,600       | 15,000      | 10  |
| 2 x 1"            | WF120661 | 69908034215 | WF120662 | 69908034216 | 3,800       | 13,700      | 10  |
| 3 x 1"            | WF120681 | 69908034217 | WF120682 | 69908034218 | 2,400       | 8,000       | 10  |
| 3 x 2"            | WF120701 | 69908034219 | WF120702 | 69908034220 | 2,400       | 8,000       | 10  |



### MOUNTED FELT POLISHING FLAP BRUSHES

Felt flaps are slit lengthwise for even greater flexibility on irregular shapes and contours.

| GRIT<br>Dia. x W. | SOFT     |             | MEDIUM   |             | Opt.<br>RPM | Max.<br>RPM | Box |
|-------------------|----------|-------------|----------|-------------|-------------|-------------|-----|
|                   | Ref.     | Order #     | Ref.     | Order #     |             |             |     |
| 2 x 1"            | WF120761 | 69908034221 | WF120762 | 69908034222 | 3,800       | 13,700      | 10  |
| 3 x 1"            | WF120781 | 69908034223 | WF120782 | 69908034224 | 2,400       | 8,600       | 10  |



### THREADED FLAP WHEELS

Threaded abrasive flap wheels have a 5/8-11 threaded arbor for quick mounting on 5" angle grinders. Recommended for weld dressing, removing rust, paint, coatings and heat discoloration. Good for general purpose grinding on steel and stainless workpiece contours.

| Dia. x W. | Ref.     | Order #     | Grit | Arbor  | RPM    | Box |
|-----------|----------|-------------|------|--------|--------|-----|
| 5 x 3/4"  | WF325370 | 69908031636 | 40   | 5/8-11 | 12,200 | 5   |
| 5 x 3/4"  | WF325372 | 69908031637 | 80   | 5/8-11 | 12,200 | 5   |



### NON-WOVEN FINISHING FLAP WHEELS - 1/4" SHANK

Non-aggressive nylon material provides a smooth surface finish. For die grinders, straight grinders and drills. **Boxes of 10.**



| GRIT<br>Dia. x W. | A COARSE |             | A MEDIUM |             | A FINE  |             | A EXTRA-FINE |             | RPM    |
|-------------------|----------|-------------|----------|-------------|---------|-------------|--------------|-------------|--------|
|                   | Ref.     | Order #     | Ref.     | Order #     | Ref.    | Order #     | Ref.         | Order #     |        |
| 1 x 1"            | WF20090  | 69908032772 | WF20091  | 69908032773 | WF20092 | 69908032774 | WF20093      | 69908032775 | 15,000 |
| 2 x 1"            | WF20260  | 69908032776 | WF20261  | 69908032777 | WF20262 | 69908032778 | WF20263      | 69908032779 | 13,700 |
| 2 x 2"            | WF20290  | 69908032780 | WF20291  | 69908032781 | WF20292 | 69908032782 | WF20293      | 69908032783 | 13,700 |
| 3 x 1"            | WF20400  | 69908032784 | WF20401  | 69908032785 | WF20402 | 69908032786 | WF20403      | 69908032787 | 8,600  |
| 3 x 2"            | WF20430  | 69908032788 | WF20431  | 69908032789 | WF20432 | 69908032790 | WF20433      | 69908032791 | 8,600  |



**FLAP WHEELS**

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

**MOUNTED FLAP WHEELS - 1/8" SHANK**

Small 1/8" shank high quality mini flap wheels, ideal for detailed finishing, hard-to-reach applications, and tooling and die maintenance.

| GRIT<br>Dia. x W. | A60     |             | A80     |             | A120    |             | RPM    |
|-------------------|---------|-------------|---------|-------------|---------|-------------|--------|
|                   | Ref.    | Order #     | Ref.    | Order #     | Ref.    | Order #     |        |
| 3/8 x 3/8"        | WF12004 | 69908032691 | WF12005 | 69908032692 | WF12007 | 69908032694 | 40,000 |
| 5/8 x 5/8"        | WF12024 | 69908032699 | WF12025 | 69908032700 | WF12027 | 69908032701 | 40,000 |
| 5/8 x 3/4"        | WF12044 | 69908032706 | WF12045 | 69908032707 | WF12047 | 69908032708 | 40,000 |
| 3/4 x 3/8"        | -       | -           | WF12085 | 69908032712 | WF12087 | 69908032713 | 35,000 |
| 3/4 x 1/2"        | WF12104 | 69908032717 | WF12105 | 69908032718 | WF12107 | 69908032719 | 35,000 |
| 3/4 x 5/8"        | -       | -           | WF12125 | 69908032723 | WF12127 | 69908032724 | 35,000 |
| 3/4 x 3/4"        | WF12144 | 69908032727 | WF12145 | 69908032728 | WF12147 | 69908032730 | 35,000 |



**Boxes of 10**

| GRIT<br>Dia. x W. | A180    |             | A240    |             | A320    |             | RPM    |
|-------------------|---------|-------------|---------|-------------|---------|-------------|--------|
|                   | Ref.    | Order #     | Ref.    | Order #     | Ref.    | Order #     |        |
| 3/8 x 3/8"        | WF12009 | 69908032696 | WF12010 | 69908032697 | WF12011 | 69908032698 | 40,000 |
| 5/8 x 5/8"        | WF12029 | 69908032703 | WF12030 | 69908032704 | WF12031 | 69908032705 | 40,000 |
| 5/8 x 3/4"        | WF12049 | 69908032709 | WF12050 | 69908032710 | WF12051 | 69908032711 | 40,000 |
| 3/4 x 3/8"        | WF12089 | 69908032714 | WF12090 | 69908032715 | WF12091 | 69908032716 | 35,000 |
| 3/4 x 1/2"        | WF12109 | 69908032720 | WF12110 | 69908032721 | WF12111 | 69908032722 | 35,000 |
| 3/4 x 5/8"        | WF12129 | 69908032819 | WF12130 | 69908032820 | WF12131 | 69908032725 | 35,000 |
| 3/4 x 3/4"        | WF12149 | 69908032731 | WF12150 | 69908032732 | WF12151 | 69908032733 | 35,000 |

**SMALL DIAMETER ZIRCONIA FLAP BANDS**

For aggressive stock removal in confined spaces. Also excellent for grinding and finishing inside pipes and tubing. Zirconia grain for added durability. More aggressive on stainless steel.



| GRIT<br>Dia. x arbor | ZA40     |             | ZA60     |             | ZA80     |             | Box |
|----------------------|----------|-------------|----------|-------------|----------|-------------|-----|
|                      | Ref.     | Order #     | Ref.     | Order #     | Ref.     | Order #     |     |
| 1 3/4 x 3/4"         | WF151022 | 69908032734 | WF151024 | 69908032735 | WF151025 | 69908032822 | 10  |
| 1 3/4 x 1 3/16"      | WF151162 | 69908032736 | WF151164 | 69908032737 | WF151165 | 69908032738 | 10  |
| 2 1/2 x 1 3/16"      | WF151262 | 69908032739 | WF151264 | 69908032740 | WF151265 | 69908032741 | 10  |
| 3 x 1 3/16"          | WF151342 | 69908032823 | WF151344 | 69908032824 | WF151345 | 69908032825 | 10  |

**RUBBER EXPANDING DRUMS**

Expanding drums with shaft for use with small flap bands.

1/4" shank



| For size        | Ref.     | Order #     | Pack |
|-----------------|----------|-------------|------|
| 1 3/4 x 3/4"    | WF150950 | 69908034225 | 1    |
| 1 3/4 x 1 3/16" | WF150954 | 69908034226 | 1    |
| 2 1/2 x 1 3/16" | WF150956 | 69908034227 | 1    |
| 3 x 1 3/16"     | WF150958 | 69908032821 | 1    |



# FEIN ABRASIVES

## RESIN FIBRE DISCS

### FEIN Resin Fibre Discs (continued on page 137)

#### ALUMINIUM OXIDE HIGH PERFORMANCE

Low cost general purpose industrial quality for overall economy with good performance. Contains no halogen producing grinding additives.

#### ALUMINIUM OXIDE PREMIUM

Long life, premium performance. A blend of advanced abrasive alloys and bonding agents, ideal for high stock removal and when cool cutting action is required.

#### SILICON CARBIDE

Designed for stone, terazzo, ceramic and non-ferrous metal stock removal. Premium silicon carbide grit means fast grinding action on non-ferrous metal.

#### BLUE ZIRCONIA ULTIMATE

Very hard zirconium abrasive alloy sharpens itself during use, for outstanding grinding rates and long life. Ideal for high production applications.



| GRIT                                    | 16      |             | 24      |             | 36      |             | 50      |             |
|---|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
|   | Ref.    | Order #     |
| <b>ALUMINIUM OXIDE HIGH PERFORMANCE</b> |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                | G201401 | 69908032295 | G201402 | 69908032102 | G201403 | 69908032296 | G201404 | 69908032104 |
| 4½ x 7/8"                               | G201451 | 69908032109 | G201452 | 69908032110 | G201453 | 69908032111 | G201454 | 69908032297 |
| 5 x 7/8"                                | G201501 | 69908032117 | G201502 | 69908032118 | G201503 | 69908032119 | G201504 | 69908032120 |
| 7 x 7/8"                                | G201701 | 69908032125 | G201702 | 69908032126 | G201703 | 69908032127 | G201704 | 69908032298 |
| 9 x 7/8"                                | G201901 | 69908032299 | G201902 | 69908032300 | G201903 | 69908032301 | G201904 | 69908032132 |
| <b>ALUMINIUM OXIDE PREMIUM</b>          |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                | G202401 | 69908032305 | G202402 | 69908032306 | G202403 | 69908032134 | G202404 | 69908032135 |
| 4½ x 7/8"                               | G202451 | 69908032139 | G202452 | 69908032140 | G202453 | 69908032141 | G202454 | 69908032142 |
| 5 x 7/8"                                | G202501 | 69908032310 | G202502 | 69908032311 | G202503 | 69908032312 | G202504 | 69908032148 |
| 7 x 7/8"                                | G202701 | 69908032153 | G202702 | 69908032154 | G202703 | 69908032155 | G202704 | 69908032156 |
| 9 x 7/8"                                | G202901 | 69908032314 | G202902 | 69908032315 | G202903 | 69908032316 | G202904 | 69908032317 |
| <b>BLUE ZIRCONIA ULTIMATE</b>           |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                | G205401 | 69908032322 | G205402 | 69908032177 | G205403 | 69908032323 | G205404 | 69908032324 |
| 4½ x 7/8"                               | G205451 | 69908032326 | G205452 | 69908032180 | G205453 | 69908032181 | G205454 | 69908032182 |
| 5 x 7/8"                                | G205501 | 69908032185 | G205502 | 69908032186 | G205503 | 69908032187 | G205504 | 69908032188 |
| 7 x 7/8"                                | G205701 | 69908032328 | G205702 | 69908032191 | G205703 | 69908032192 | G205704 | 69908032193 |
| 9 x 7/8"                                | G205901 | 69908032329 | G205902 | 69908032196 | G205903 | 69908032197 | G205904 | 69908032330 |
| <b>SILICON CARBIDE</b>                  |         |             |         |             |         |             |         |             |
| 5 x 7/8"                                | -       | -           | G203502 | 69908032162 | -       | -           | -       | -           |
| 7 x 7/8"                                | G203701 | 69908032163 | G203702 | 69908032164 | G203703 | 69908032165 | G203704 | 69908032166 |

Boxes of 25 or cases of 100 (4 x 25)

## FEIN ABRASIVES



### RESIN FIBRE DISCS

#### FEIN Resin Fibre Discs (continued from page 136)



**Spiral backing pads**  
for fibre discs do not include  
centre nut .

#### SPIRAL AIR-COOLED BACKING PADS

| Size.  | Ref.      | Order #     | Description          | Pack |
|--------|-----------|-------------|----------------------|------|
| 4"     | G70040009 | 69908032411 | Spiral backing pad   | 1    |
| 4½"    | G70045009 | 69908032284 | Spiral backing pad   | 1    |
| 5"     | G70050019 | 69908032285 | Spiral backing pad   | 1    |
| 7"     | G70070006 | 69908032286 | Spiral backing pad   | 1    |
| 5/8-11 | G90000065 | 69908032288 | Depressed centre nut | 1    |
| 5/8-11 | G90000037 | 69908032287 | Standard centre nut  | 1    |

| GRIT  | 60      |             | 80      |             | 100     |             | 120     |             |
|---|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
|   | Ref.    | Order #     |
| Dia x arbor                                 |         |             |         |             |         |             |         |             |
| <b>ALUMINIUM OXIDE HIGH PERFORMANCE</b>     |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                    | G201405 | 69908032105 | G201406 | 69908032106 | G201407 | 69908032107 | G201408 | 69908032108 |
| 4½ x 7/8"                                   | G201455 | 69908032113 | G201456 | 69908032114 | G201457 | 69908032115 | G201458 | 69908032116 |
| 5 x 7/8"                                    | G201505 | 69908032121 | G201506 | 69908032122 | G201507 | 69908032123 | G201508 | 69908032124 |
| 7 x 7/8"                                    | G201705 | 69908032128 | G201706 | 69908032129 | G201707 | 69908032130 | G201708 | 69908032131 |
| 9 x 7/8"                                    | G201905 | 69908032302 | G201906 | 69908032303 | G201907 | 69908032294 | G201908 | 69908032304 |
| <b>ALUMINIUM OXIDE PREMIUM</b>              |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                    | G202405 | 69908032307 | G202406 | 69908032136 | G202407 | 69908032137 | G202408 | 69908032138 |
| 4½ x 7/8"                                   | G202455 | 69908032143 | G202456 | 69908032144 | G202457 | 69908032308 | G202458 | 69908032309 |
| 5 x 7/8"                                    | G202505 | 69908032149 | G202506 | 69908032150 | G202507 | 69908032313 | G202508 | 69908032152 |
| 7 x 7/8"                                    | G202705 | 69908032157 | G202706 | 69908032158 | G202707 | 69908032159 | G202708 | 69908032160 |
| 9 x 7/8"                                    | G202905 | 69908032318 | G202906 | 69908032319 | G202907 | 69908032320 | G202908 | 69908032321 |
| <b>BLUE ZIRCONIA ULTIMATE</b>               |         |             |         |             |         |             |         |             |
| 4 x 5/8"                                    | G205405 | 69908032179 | G205406 | 69908032325 | -       | -           | -       | -           |
| 4½ x 7/8"                                   | G205455 | 69908032183 | G205456 | 69908032327 | -       | -           | -       | -           |
| 5 x 7/8"                                    | G205505 | 69908032189 | G205506 | 69908032190 | -       | -           | -       | -           |
| 7 x 7/8"                                    | G205705 | 69908032194 | G205706 | 69908032195 | -       | -           | -       | -           |
| 9 x 7/8"                                    | G205905 | 69908032331 | G205906 | 69908032332 | -       | -           | -       | -           |
| <b>Boxes of 25 or cases of 100 (4 x 25)</b> |         |             |         |             |         |             |         |             |



## FEIN ABRASIVES

### RESIN FIBRE DISCS / UNITIZED WHEELS

#### PMD SUPREME RESIN FIBRE DISCS

Innovative ceramic resin fibre disc 100% SG ceramic grain with top coat for use in industrial metal applications.

- Long lasting life on stainless steel, carbon steel and high nickel and alloy metals.
- Top coat with ultimate grinding aid and cooling aid.
- Meets maximum productivity at reduced cost.



1½ to 3" **Boxes of 50**

4½ to 9" **Boxes of 25 or cases of 100 (4 x 25)**

| GRIT      | 16        |             | 24        |             | 36        |             | 50        |             |
|-----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Dia.      | Ref.      | Order #     |
| 1½"       | -         | -           | G307152   | 69908032379 | G307153   | 69908032380 | G307154   | 69908032381 |
| 2"        | -         | -           | G307202   | 69908032386 | G307203   | 69908032387 | G307204   | 69908032388 |
| 3"        | -         | -           | G307302   | 69908032393 | G307303   | 69908032269 | G307304   | 69908032394 |
| 2" Type R | -         | -           | G308202   | 69908032399 | G308203   | 69908032400 | G308204   | 69908032270 |
| 3" Type R | -         | -           | G308302   | 69908032405 | G308303   | 69908032271 | G308304   | 69908032406 |
| 4½" x 7/8 | G20945100 | 69908032333 | G20945200 | 69908032290 | G20945300 | 69908032291 | G20945400 | 69908032334 |
| 5" x 7/8  | G20950100 | 69908032336 | G20950200 | 69908032292 | G20950300 | 69908032206 | G20950400 | 69908032337 |
| 7" x 7/8  | G20970100 | 69908032340 | G20970200 | 69908032209 | G20970300 | 69908032293 | G20970400 | 69908032210 |
| 9" x 7/8  | G20990100 | 69908032342 | G20990200 | 69908032343 | G20990300 | 69908032344 | G20990400 | 69908032345 |

| GRIT      | 60        |             | 80        |             | 100       |             | 120       |             |
|-----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Dia.      | Ref.      | Order #     |
| 1½"       | G307155   | 69908032382 | G307156   | 69908032383 | G307157   | 69908032384 | G307158   | 69908032385 |
| 2"        | G307205   | 69908032389 | G307206   | 69908032390 | G307207   | 69908032391 | G307208   | 69908032392 |
| 3"        | G307305   | 69908032395 | G307306   | 69908032396 | G307307   | 69908032397 | G307308   | 69908032398 |
| 2" Type R | G308205   | 69908032401 | G308206   | 69908032402 | G308207   | 69908032403 | G308208   | 69908032404 |
| 3" Type R | G308305   | 69908032272 | G308306   | 69908032407 | G308307   | 69908032408 | G308308   | 69908032409 |
| 4½" x 7/8 | G20945500 | 69908032203 | G20945600 | 69908032204 | G20945700 | 69908032335 | G20945800 | 69908032205 |
| 5" x 7/8  | G20950500 | 69908032207 | G20950600 | 69908032208 | G20950700 | 69908032338 | G20950800 | 69908032339 |
| 7" x 7/8  | G20970500 | 69908032211 | G20970600 | 69908032212 | G20970700 | 69908032341 | G20970800 | 69908032213 |
| 9" x 7/8  | G20990500 | 69908032346 | G20990600 | 69908032347 | G20990700 | 69908032348 | G20990800 | 69908032349 |

#### FEIN UNITIZED FINISHING DISCS

Fibreglass backing for light blending, deburring and finishing. Abrasive grain impregnated throughout a medium density non-woven disc. Unitized material is conformable to the surface and works with light pressure for a smooth, bright surface finish on stainless steel or aluminium. Available in three grades to meet most job applications.



| Dia. x arbor | Ref.    | Order #     | Type             | Grit      | Max. RPM | Opt. RPM | Box |
|--------------|---------|-------------|------------------|-----------|----------|----------|-----|
| 5 x 7/8"     | WF45834 | 69908034231 | Aluminium oxide  | 5A-Coarse | 9,800    | 4,000    | 5   |
| 5 x 7/8"     | WF45837 | 69908034232 | Silicone carbide | 5S-Medium | 9,800    | 4,000    | 5   |
| 5 x 7/8"     | WF45838 | 69908034233 | Silicone carbide | 5S-Fine   | 9,800    | 4,000    | 5   |

## FEIN ABRASIVES



### SURFACE CONDITIONING DISCS

#### HOOK & LOOP SURFACE CONDITIONING DISCS

Produce an excellent finish on a wide variety of materials in many different surface conditioning applications.

- Use for high speed deburring, polishing, finishing and cleaning.
- Also blending of scratch patterns and removal of weld discoloration, rust and oxidation.



| GRIT                        | VERY FINE - GREY |             | FINE - BLUE |             | MEDIUM - MAROON |             | COARSE - GOLD |             | Box |
|-----------------------------|------------------|-------------|-------------|-------------|-----------------|-------------|---------------|-------------|-----|
| Dia.                        | Ref.             | Order #     | Ref.        | Order #     | Ref.            | Order #     | Ref.          | Order #     |     |
| <b>PMD SUPREME - VELCRO</b> |                  |             |             |             |                 |             |               |             |     |
| 1½"                         | G25115954        | 69908032361 | G25115924   | 69908032360 | G25115904       | 69908032358 | G25115854     | 69908032357 | 50  |
| 2"                          | G25120954        | 69908032245 | G25120924   | 69908032243 | G25120904       | 69908032363 | G25120854     | 69908032240 | 50  |
| 3"                          | G25130954        | 69908032368 | G25130924   | 69908032367 | G25130904       | 69908032366 | G25130854     | 69908032365 | 25  |
| 4"                          | G25140954        | 69908032257 | G25140924   | 69908032370 | G25140904       | 69908032256 | G25140854     | 69908032254 | 25  |
| 4½"                         | G25145954        | 69908032374 | G25145924   | 69908032260 | G25145904       | 69908032259 | G25145854     | 69908032373 | 25  |
| 5"                          | G25150954        | 69908032265 | G25150924   | 69908032264 | G25150904       | 69908032263 | G25150854     | 69908032262 | 25  |
| 7"                          | G25170954        | 69908032378 | G25170924   | 69908032377 | G25170904       | 69908032376 | G25170854     | 69908032266 | 25  |
| <b>PMD SUPREME - TYPE R</b> |                  |             |             |             |                 |             |               |             |     |
| 1½"                         | G25115953        | 69908032237 | G25115923   | 69908032359 | G25115903       | 69908032236 | G25115853     | 69908032235 | 50  |
| 2"                          | G25120953        | 69908032244 | G25120923   | 69908032242 | G25120903       | 69908032241 | G25120853     | 69908032239 | 50  |
| 3"                          | G25130953        | 69908032250 | G25130923   | 69908032249 | G25130903       | 69908032248 | G25130853     | 69908032247 | 25  |
| 4"                          | G25140953        | 69908032371 | G25140923   | 69908032369 | G25140903       | 69908032255 | G25140853     | 69908032253 | 25  |

| GRIT                        | EXTRA-COARSE - BROWN |             | Box |
|-----------------------------|----------------------|-------------|-----|
| Dia.                        | Ref.                 | Order #     |     |
| <b>PMD SUPREME - VELCRO</b> |                      |             |     |
| 1½"                         | G25115804            | 69908032356 | 50  |
| 2"                          | G25120804            | 69908032362 | 50  |
| 3"                          | G25130804            | 69908032364 | 25  |
| 4"                          | G25140804            | 69908032252 | 25  |
| 4½"                         | G25145804            | 69908032372 | 25  |
| 5"                          | G25150804            | 69908032261 | 25  |
| 7"                          | G25170804            | 69908032375 | 25  |
| <b>PMD SUPREME - TYPE R</b> |                      |             |     |
| 1½"                         | G25115803            | 69908032234 | 50  |
| 2"                          | G25120803            | 69908032238 | 50  |
| 3"                          | G25130803            | 69908032246 | 25  |
| 4"                          | G25140803            | 69908032251 | 25  |

9" size is also available

#### Locking Styles

- Velcro: Velcro Adhesive
- Type R: Quick-Change Roloc
- Type N: Quick-Change Metal



#### POLI-FLEECE DISC HOLDERS Rapid Change Type R

| Size in. | Ref.      | Order #     | Style        | Box |
|----------|-----------|-------------|--------------|-----|
| 1½"      | G70015001 | 69908032279 | Type R Roloc | 1   |
| 2"       | G70020003 | 69908032281 | Type R Roloc | 1   |
| 3"       | G70030001 | 69908032282 | Type R Roloc | 1   |
| 4"       | G70040011 | 69908032283 | Type R Roloc | 1   |

Also available in Type "N"



# FEIN ABRASIVES

## TRIM-CUT DISCS / NON-WOVEN ABRASIVES

### TRIM-CUT FLAT DISCS

Flat high-speed flexible surface conditioning discs with quick-change mandrels and adaptors for use with drills, high-speed pneumatic sanders, angle and die grinders.

**Boxes of 25**



#### TRIM-CUT DISCS

| GRIT                   | 24      |             | 36      |             | 60      |             | 120     |             |
|------------------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Dia.                   | Ref.    | Order #     |
| <b>ALUMINIUM OXIDE</b> |         |             |         |             |         |             |         |             |
| 3"                     | G241302 | 69908032221 | G241303 | 69908032222 | G241305 | 69908032223 | G241308 | 69908032224 |
| 5"                     | G241502 | 69908032227 | G241503 | 69908032228 | G241505 | 69908032350 | G241508 | 69908032230 |
| <b>SILICON CARBIDE</b> |         |             |         |             |         |             |         |             |
| 3"                     | -       | -           | G243303 | 69908032231 | G243305 | 69908032232 | G243308 | 69908032352 |
| 5"                     | -       | -           | G243503 | 69908032233 | G243505 | 69908032354 | G243508 | 69908032355 |



#### TRIM-CUT MANDRELS & ADAPTORS

| Size       | Description   | Ref.      | Order #     |
|------------|---------------|-----------|-------------|
| 1/4"       | Round mandrel | G54909985 | 69908032410 |
| 1/4"       | Hex mandrel   | G54909930 | 69908032275 |
| 3/8 - 24   | Adaptor       | G54909970 | 69908032277 |
| 7/16 - 20  | Adaptor       | G54909965 | 69908032276 |
| M10 - 1.25 | Adaptor       | G54909925 | 69908032274 |
| M10 - 1.50 | Adaptor       | G54909920 | 69908032273 |

### HAND PADS

Made from synthetic fibres, bonded together with specially formulated resins and impregnated with specially processed mineral grain creating an open, three dimensional structure.

- Cleaning
- Polishing
- Scuffing
- Finishing
- Paint and rust removal



#### HAND PADS

| Length x width | Description          | Pack | Ref.   | Order #     |
|----------------|----------------------|------|--------|-------------|
| 6 x 9"         | Tan - Heavy Duty     | 20   | G23819 | 69908034195 |
| 6 x 9"         | Green - Coarse       | 20   | G23814 | 69908034193 |
| 6 x 9"         | Maroon - Medium      | 20   | G23812 | 69908034191 |
| 6 x 9"         | Grey - Ultra Fine    | 20   | G23813 | 69908034192 |
| 6 x 9"         | White - Non Abrasive | 20   | G23815 | 69908034194 |



### FEIN MOBILE TRAINING

#### FEIN Mobile Training Centres for onsite demonstrations and training.

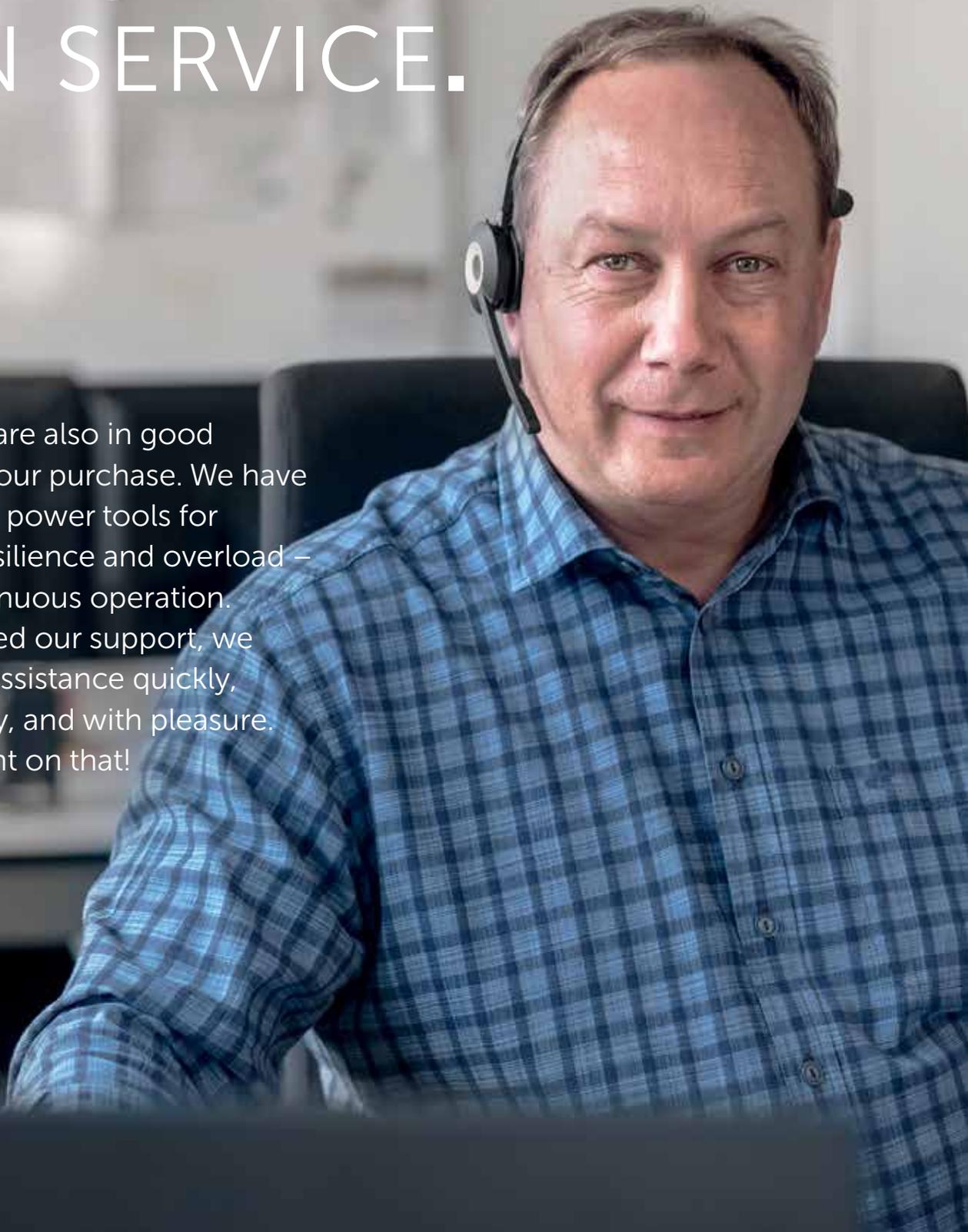
FEIN mobile training centres travel across Canada showcasing FEIN Canada's product line and provide training on the fly for busy distributors and end users.

Try out our full range of tools and accessories, and exciting new products.



# YOU CAN RELY ON FEIN SERVICE.

At FEIN, you are also in good hands after your purchase. We have designed our power tools for maximum resilience and overload – even in continuous operation. But if you need our support, we will provide assistance quickly, professionally, and with pleasure. You can count on that!





### 3-YEAR FEIN PLUS GUARANTEE

Quick registration – extended warranty: We offer the FEIN PLUS 3-year warranty on FEIN and Slugger power tools. You simply need to register your new FEIN power tool within 3 months of purchase at [www.fein.ca/warranty](http://www.fein.ca/warranty)

Retain your proof of registration as confirmation of your enrolment in the FEIN PLUS Warranty Program. Registration will require you to provide all of the information requested and consent to the storage of your information pursuant to the privacy policy posted. Other than the term of coverage, all other terms and conditions of warranty service under our standard one year warranty will apply to the extended FEIN PLUS Warranty Program.

Products not eligible for the extended warranty program are: FEIN AccuTec screwdrivers, balancers, pipe processing tools, pneumatic tools, high-frequency tools, Slugger metal cutting saws.

### FEIN REPAIR SERVICE

Whether it's a repair, maintenance, or a warranty claim, we will process your orders quickly and efficiently via our authorized FEIN repair centers. They have the right FEIN original spare parts in stock – for many older tools as well. So your workshop is up and running in no time at all.

### FEIN SPARE PART CATALOG

Find the right FEIN spare parts for your FEIN power tools easily, online – using the FEIN spare part catalog with an intuitive search function and exploded views of the products.

### OTHER FEIN SERVICES ONLINE

On the FEIN website, you will find more information and service offers:

- + Operating instructions and brochures to download
- + Application tips
- + Maintenance notes

